

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021102.D
 Acq On : 06 Feb 2025 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 02:26:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.720	168	245096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	376157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	317594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	150355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	119581	47.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.646	113	117682	48.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.115	98	447738	48.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.414	95	149724	49.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	98769	45.214	ug/l	100
3) Chloromethane	2.080	50	106118	49.229	ug/l	97
4) Vinyl Chloride	2.214	62	111600	51.436	ug/l	98
5) Bromomethane	2.611	94	67334	50.212	ug/l	97
6) Chloroethane	2.745	64	67984	52.637	ug/l	96
7) Trichlorofluoromethane	3.074	101	195282	49.403	ug/l	99
8) Diethyl Ether	3.470	74	59997	48.621	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	116514	46.966	ug/l	95
10) Methyl Iodide	4.019	142	132170	47.955	ug/l	95
11) Tert butyl alcohol	4.872	59	37526	220.517	ug/l	98
12) 1,1-Dichloroethene	3.806	96	110521	47.293	ug/l	94
13) Acrolein	3.665	56	60177	229.642	ug/l	100
14) Allyl chloride	4.397	41	186795	47.427	ug/l	96
15) Acrylonitrile	5.080	53	124232	241.768	ug/l	99
16) Acetone	3.885	43	95643	244.226	ug/l	92
17) Carbon Disulfide	4.123	76	341499	46.602	ug/l	99
18) Methyl Acetate	4.403	43	66996	48.733	ug/l	100
19) Methyl tert-butyl Ether	5.135	73	287702	48.708	ug/l	98
20) Methylene Chloride	4.635	84	114055	46.849	ug/l	95
21) trans-1,2-Dichloroethene	5.135	96	120305	46.768	ug/l	96
22) Diisopropyl ether	6.031	45	384848	47.406	ug/l	99
23) Vinyl Acetate	5.976	43	1095426	242.052	ug/l	99
24) 1,1-Dichloroethane	5.933	63	220788	46.420	ug/l	98
25) 2-Butanone	6.909	43	158451	246.221	ug/l	99
26) 2,2-Dichloropropane	6.896	77	204744	46.522	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	140688	47.515	ug/l	96
28) Bromochloromethane	7.262	49	96586	51.354	ug/l	97
29) Tetrahydrofuran	7.274	42	106391	244.321	ug/l	98
30) Chloroform	7.433	83	226540	46.370	ug/l	98
31) Cyclohexane	7.713	56	193571	45.193	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	210871	46.425	ug/l	99
36) 1,1-Dichloropropene	7.848	75	166751	46.701	ug/l	100
37) Ethyl Acetate	7.000	43	76980	49.145	ug/l	100
38) Carbon Tetrachloride	7.829	117	193920	46.480	ug/l	98
39) Methylcyclohexane	9.122	83	210728	48.249	ug/l	98
40) Benzene	8.091	78	490094	46.772	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	38947	42.978	ug/l	96
42) 1,2-Dichloroethane	8.171	62	133662	45.983	ug/l	98
43) Isopropyl Acetate	8.207	43	150310	48.293	ug/l	98
44) Trichloroethene	8.878	130	126630	46.775	ug/l	93
45) 1,2-Dichloropropane	9.152	63	116519	46.850	ug/l	100
46) Dibromomethane	9.244	93	64051	46.513	ug/l	94
47) Bromodichloromethane	9.433	83	170885	46.271	ug/l	97
48) Methyl methacrylate	9.231	41	72403	51.069	ug/l	94
49) 1,4-Dioxane	9.238	88	13098	1021.748	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	387134	247.345	ug/l	98
52) Toluene	10.182	92	309536	47.046	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	158875	47.910	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	187087	47.648	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	83975	47.093	ug/l	97
56) Ethyl methacrylate	10.451	69	118962	49.869	ug/l	93
57) 1,3-Dichloropropane	10.725	76	146851	47.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	279194	246.009	ug/l	100
59) 2-Hexanone	10.768	43	254284	252.330	ug/l	97
60) Dibromochloromethane	10.920	129	117663	46.986	ug/l	98
61) 1,2-Dibromoethane	11.024	107	80043	47.922	ug/l	99
64) Tetrachloroethene	10.658	164	112446	47.694	ug/l	96
65) Chlorobenzene	11.451	112	333483	47.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	119347	47.490	ug/l	97
67) Ethyl Benzene	11.530	91	595943	47.645	ug/l	100
68) m/p-Xylenes	11.640	106	447229	95.577	ug/l	97
69) o-Xylene	11.963	106	212598	48.732	ug/l	99
70) Styrene	11.981	104	352923	48.537	ug/l	98
71) Bromoform	12.139	173	67429	48.203	ug/l #	98
73) Isopropylbenzene	12.261	105	565882	48.181	ug/l	99
74) N-amyl acetate	12.078	43	129285	50.349	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	93707	47.973	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	125409	91.948	ug/l #	100
77) Bromobenzene	12.542	156	127258	46.953	ug/l	95
78) n-propylbenzene	12.603	91	674966	48.243	ug/l	99
79) 2-Chlorotoluene	12.688	91	382441	47.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	455552	47.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	32474	48.583	ug/l	95
82) 4-Chlorotoluene	12.786	91	387359	47.446	ug/l	100
83) tert-Butylbenzene	13.005	119	409238	47.281	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	452502	48.600	ug/l	99
85) sec-Butylbenzene	13.182	105	592574	47.561	ug/l	98
86) p-Isopropyltoluene	13.298	119	495104	47.838	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	244417	46.705	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	239301	46.442	ug/l	99
89) n-Butylbenzene	13.627	91	455935	48.290	ug/l	98
90) Hexachloroethane	13.889	117	99081	45.890	ug/l	83
91) 1,2-Dichlorobenzene	13.670	146	213915	47.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	13956	47.812	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	123850	48.986	ug/l	99
94) Hexachlorobutadiene	15.035	225	78175	46.659	ug/l	99
95) Naphthalene	15.157	128	218739	54.077	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	104119	49.485	ug/l	99

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QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

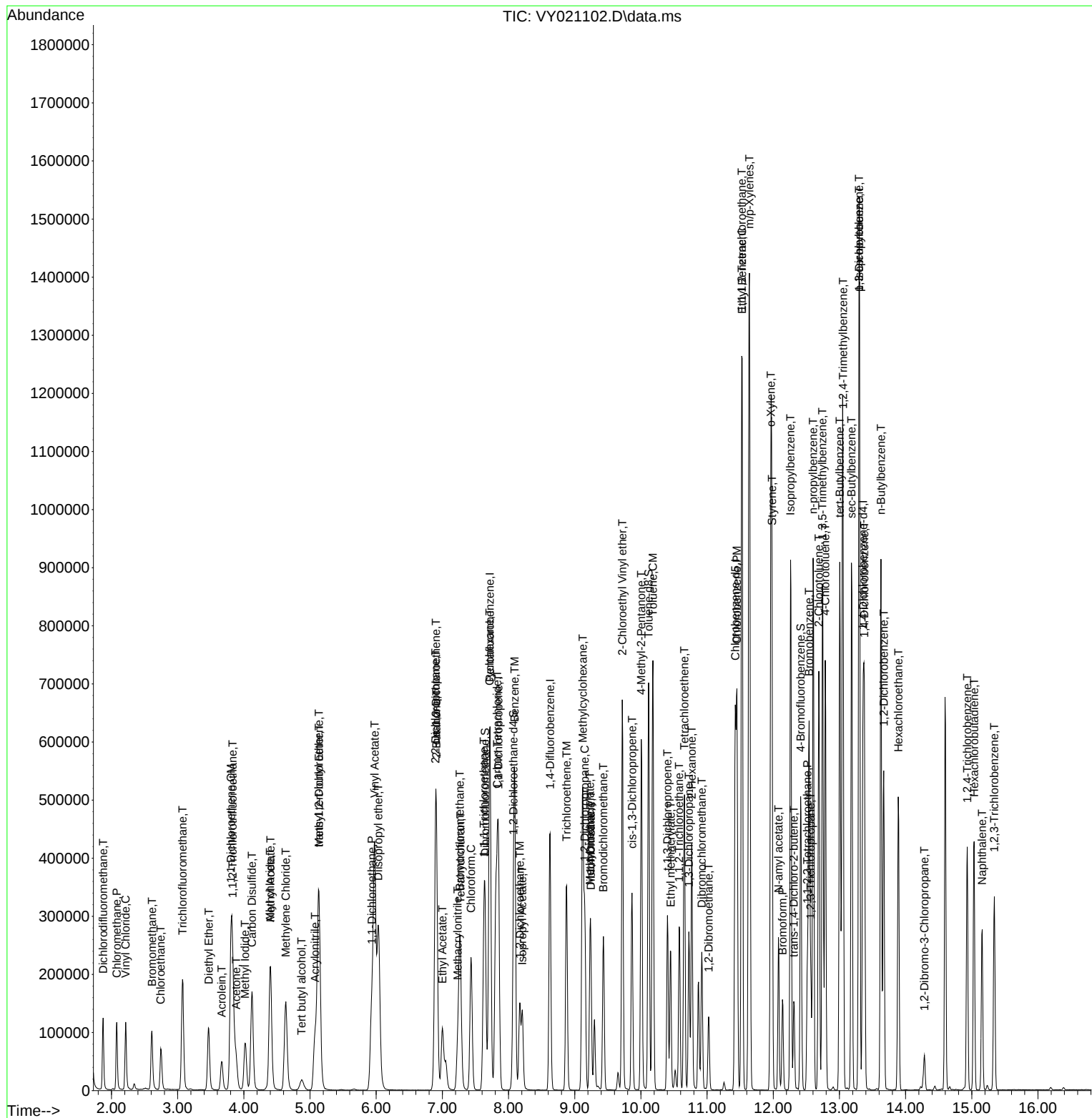
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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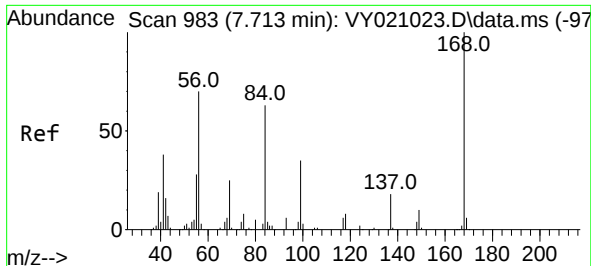
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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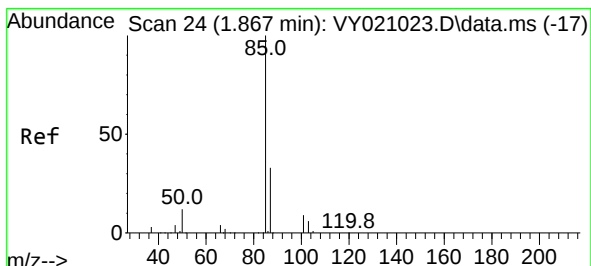
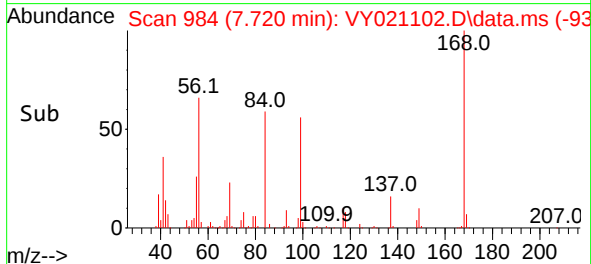
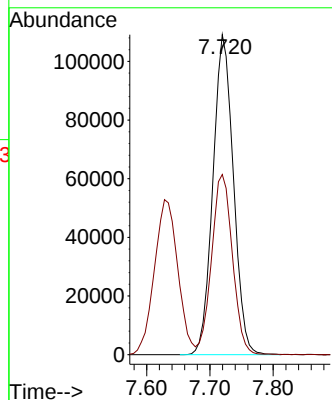
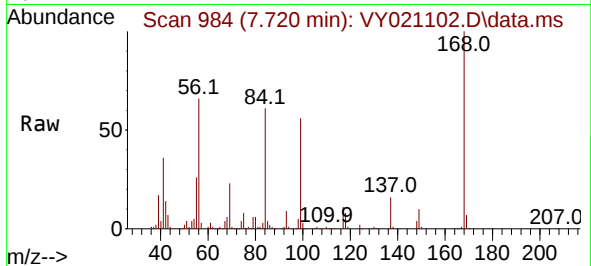




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021102.D
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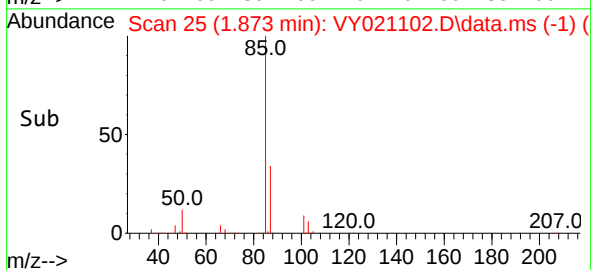
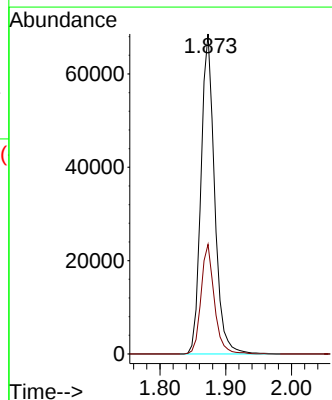
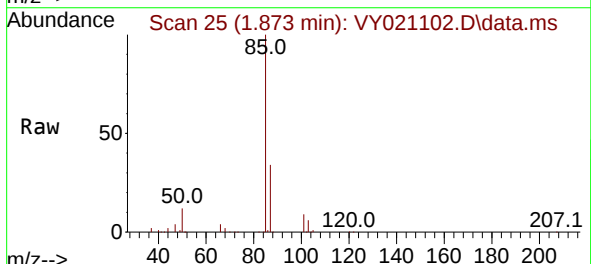
Instrument :
MSVOA_Y
ClientSampleId :

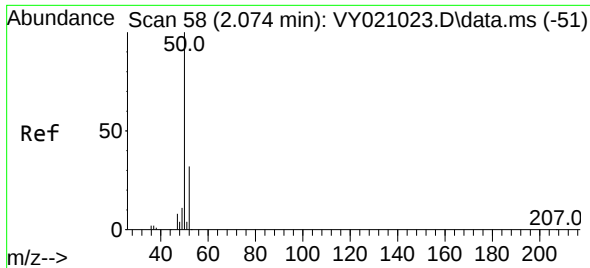
Tgt Ion:168 Resp: 245096
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.214 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 85 Resp: 98769
Ion Ratio Lower Upper
85 100
87 34.2 17.1 51.3

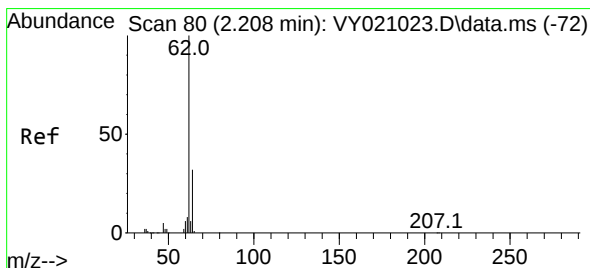
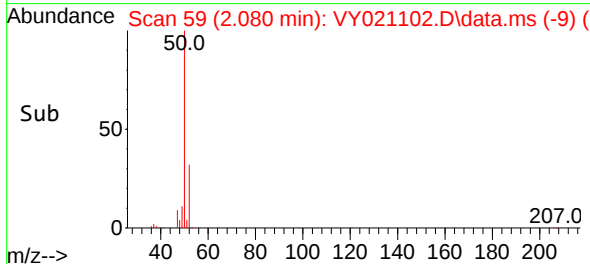
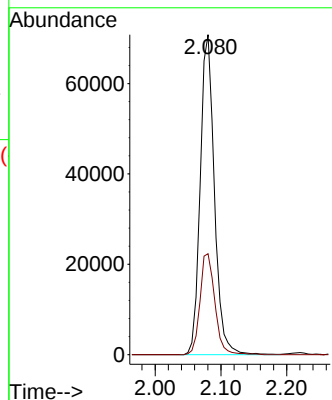
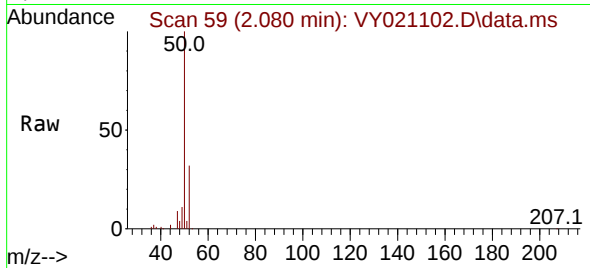




#3
Chloromethane
Concen: 49.229 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

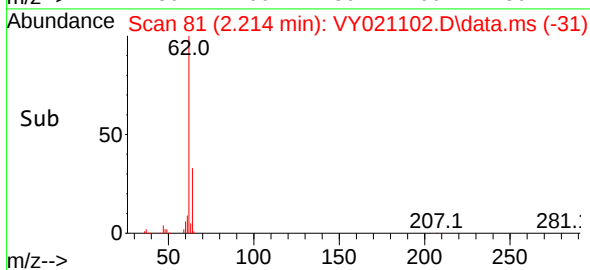
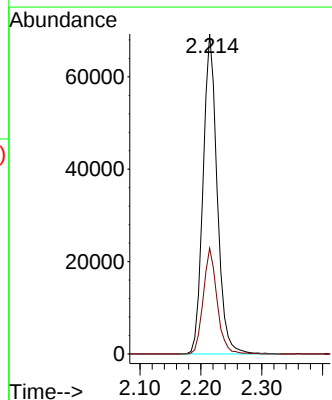
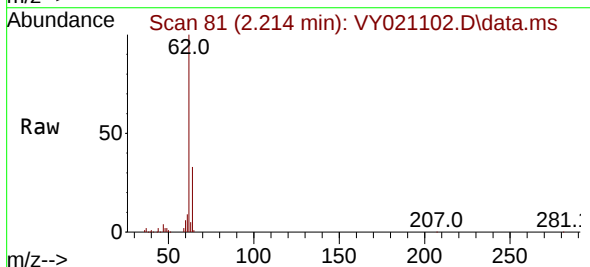
Instrument :
MSVOA_Y
ClientSampleId :

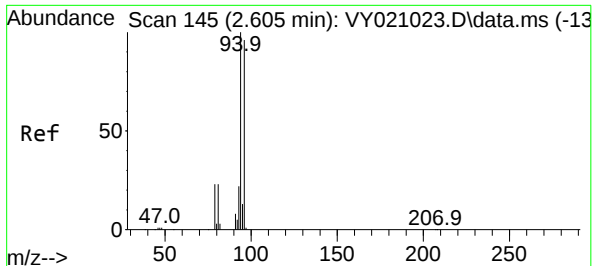
Tgt Ion: 50 Resp: 106118
Ion Ratio Lower Upper
50 100
52 31.5 26.7 40.1



#4
Vinyl Chloride
Concen: 51.436 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 62 Resp: 111600
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5

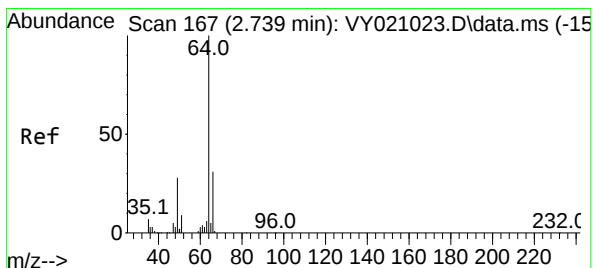
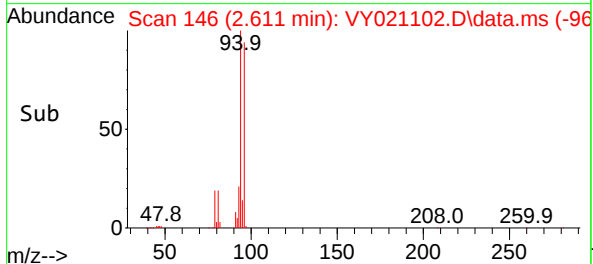
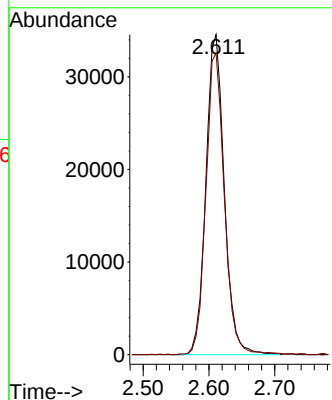
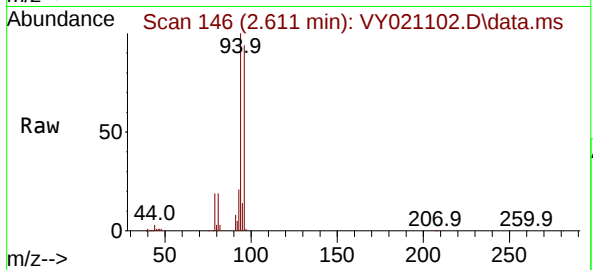




#5
Bromomethane
Concen: 50.212 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021102.D
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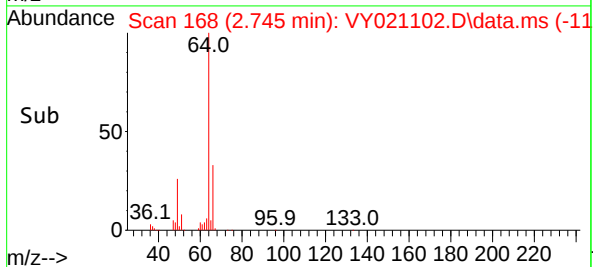
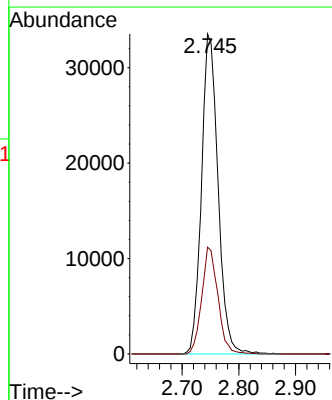
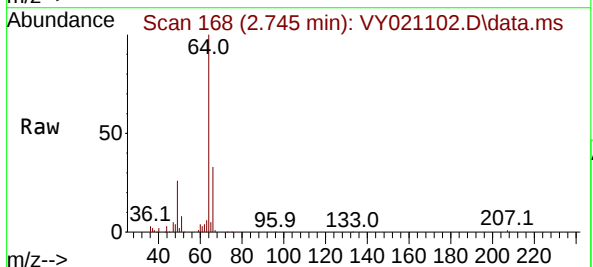
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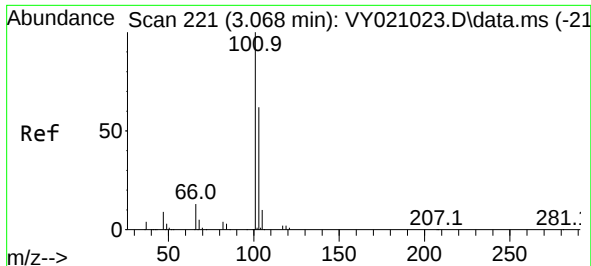
Tgt Ion: 94 Resp: 67334
Ion Ratio Lower Upper
94 100
96 94.0 77.3 115.9



#6
Chloroethane
Concen: 52.637 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 64 Resp: 67984
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7

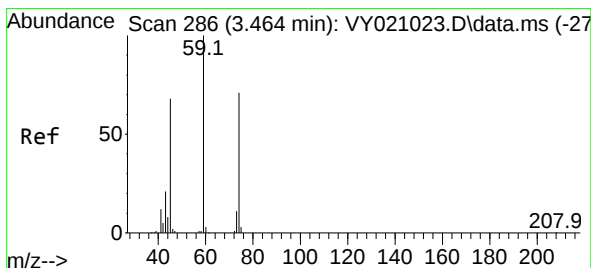
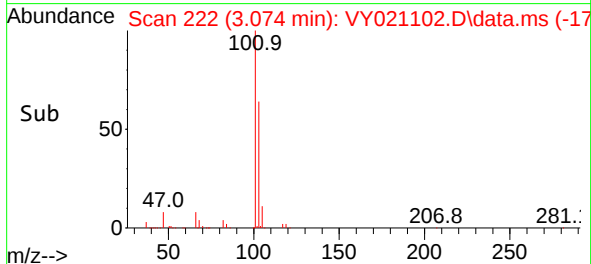
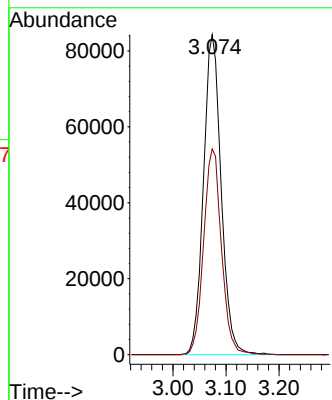
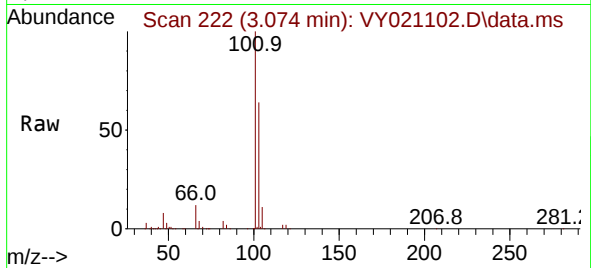




#7
Trichlorofluoromethane
Concen: 49.403 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

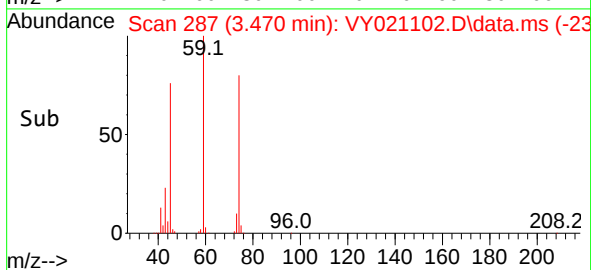
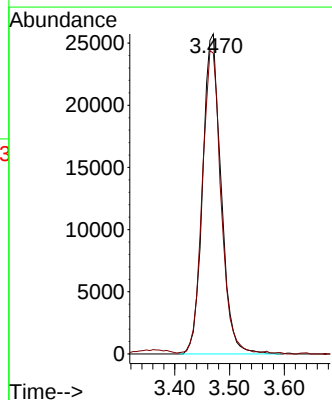
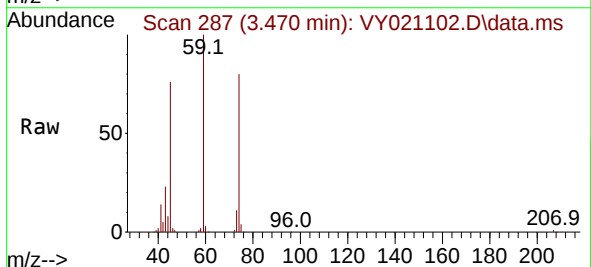
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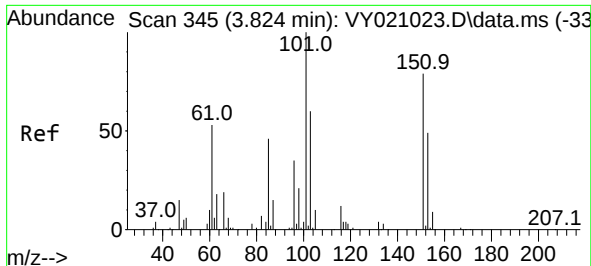
Tgt Ion:101 Resp: 195282
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9



#8
Diethyl Ether
Concen: 48.621 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 74 Resp: 59997
Ion Ratio Lower Upper
74 100
45 95.7 47.9 143.7

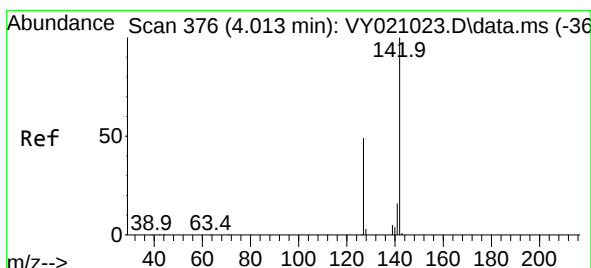
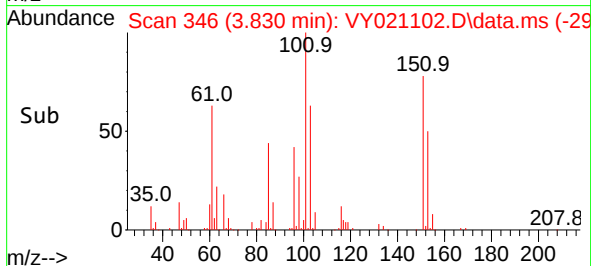
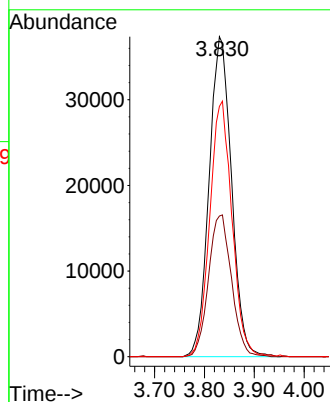
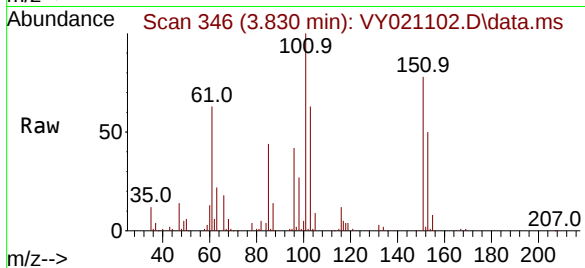




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.966 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

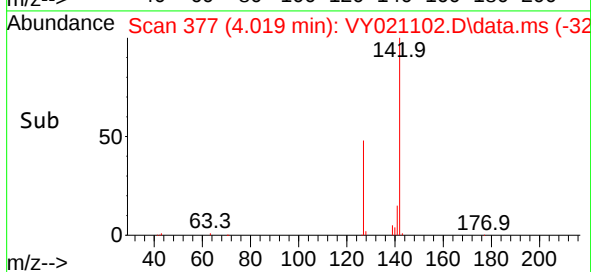
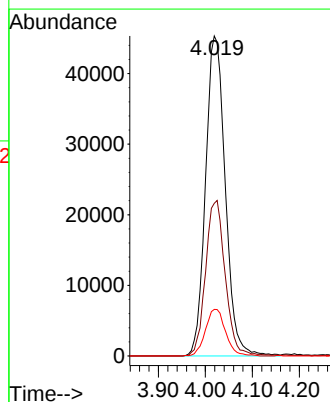
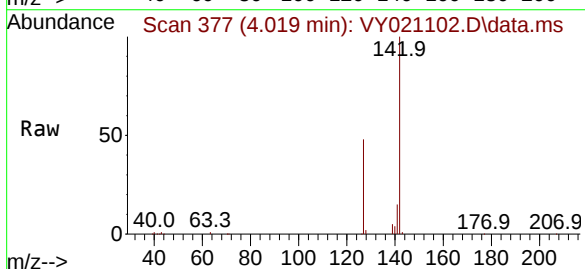
Instrument :
MSVOA_Y
ClientSampleId :

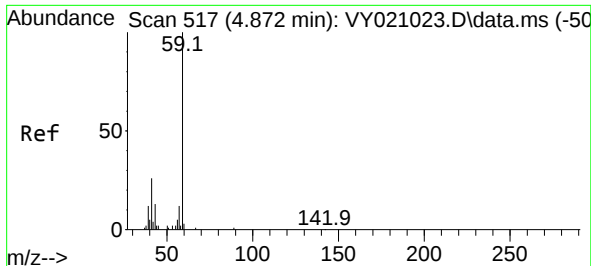
Tgt Ion:101 Resp: 116514
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 79.3 58.6 88.0



#10
Methyl Iodide
Concen: 47.955 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion:142 Resp: 132170
Ion Ratio Lower Upper
142 100
127 48.5 35.1 52.7
141 14.9 11.8 17.6

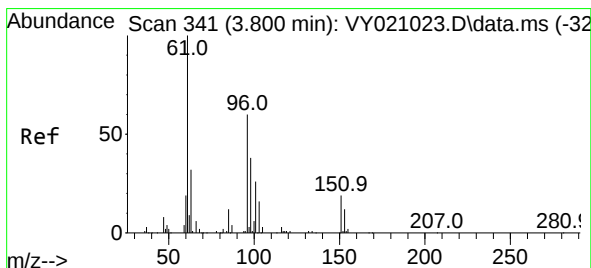
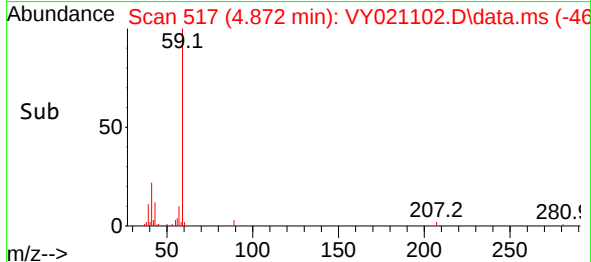
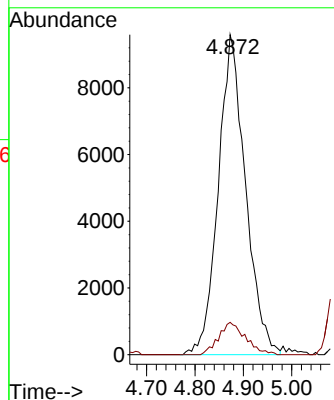
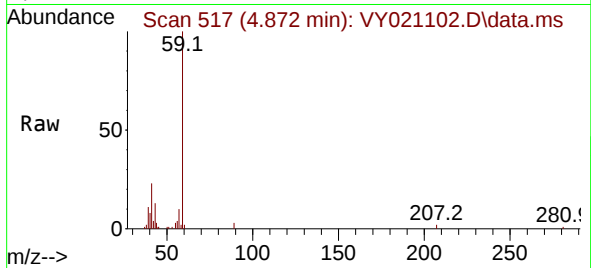




#11
Tert butyl alcohol
Concen: 220.517 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

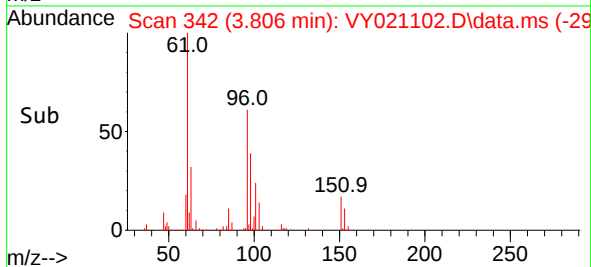
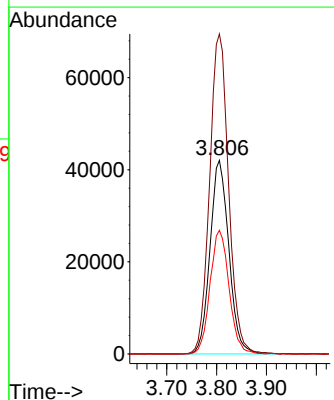
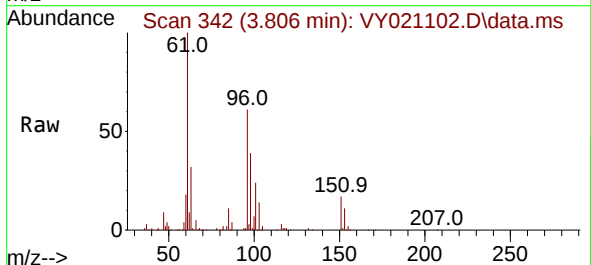
Instrument :
MSVOA_Y
ClientSampleId :

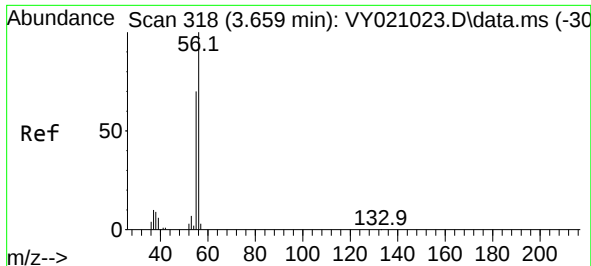
Tgt Ion: 59 Resp: 37526
Ion Ratio Lower Upper
59 100
57 10.0 7.4 11.0



#12
1,1-Dichloroethene
Concen: 47.293 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 96 Resp: 110521
Ion Ratio Lower Upper
96 100
61 165.3 124.2 186.2
98 63.8 52.6 79.0





#13

Acrolein

Concen: 229.642 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

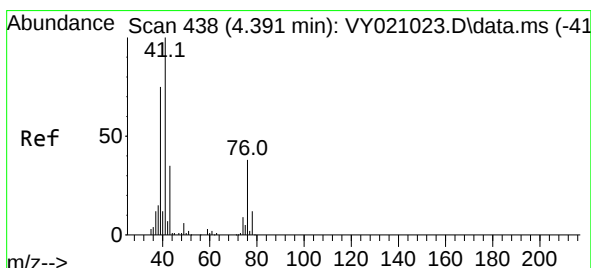
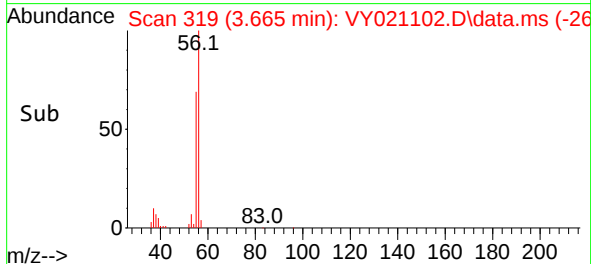
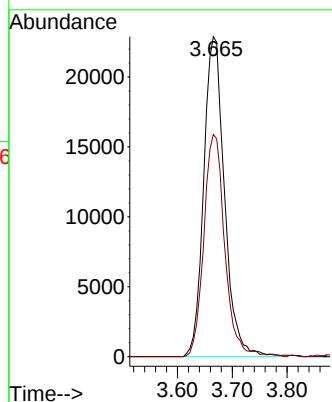
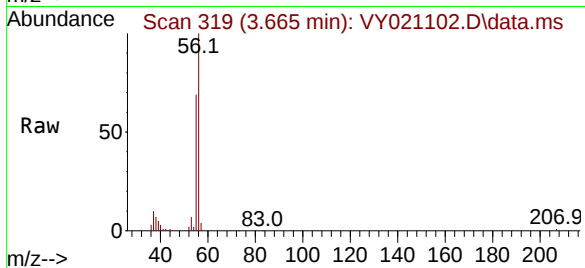
ClientSampleId :

Tgt Ion: 56 Resp: 60177

Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.0



#14

Allyl chloride

Concen: 47.427 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

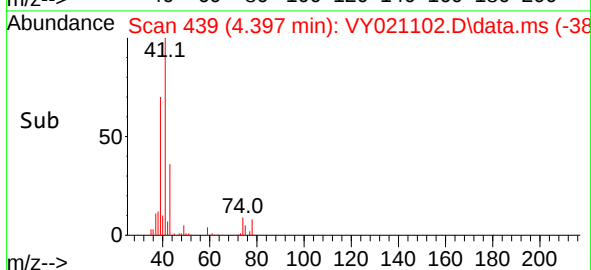
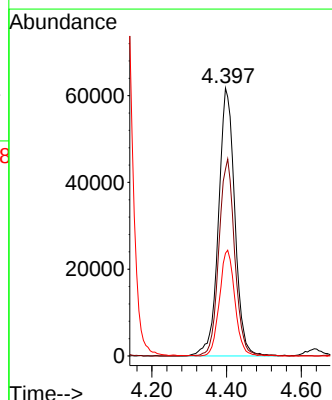
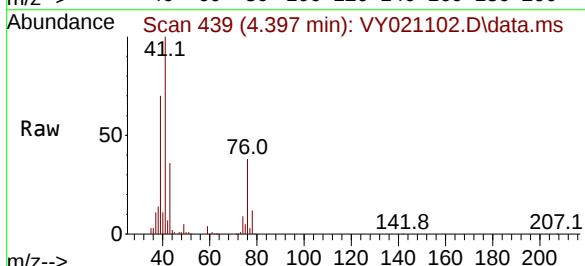
Tgt Ion: 41 Resp: 186795

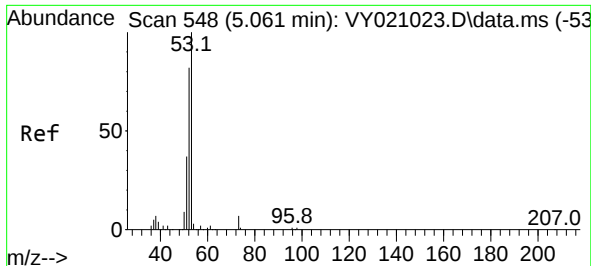
Ion Ratio Lower Upper

41 100

39 71.5 54.7 82.1

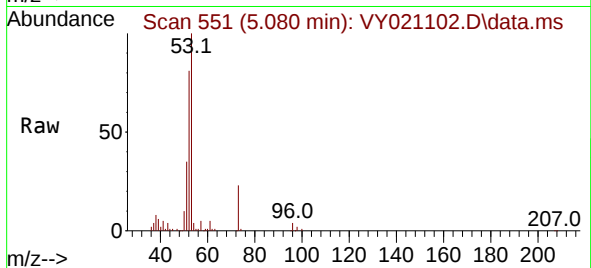
76 37.4 31.8 47.6



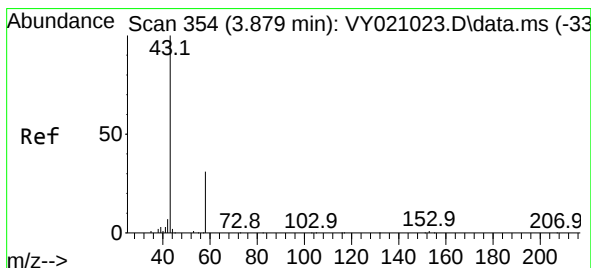
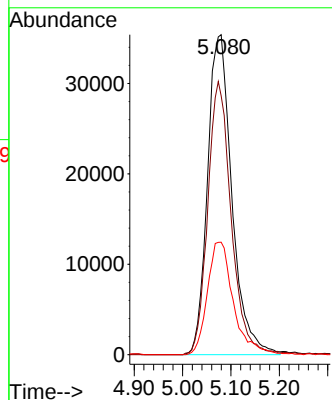
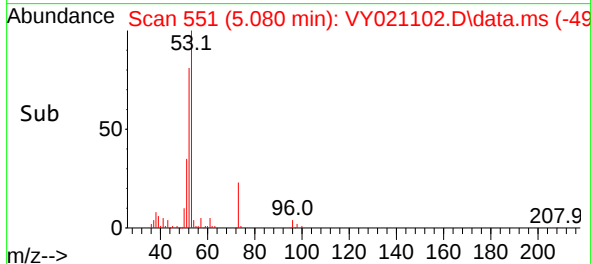


#15
Acrylonitrile
Concen: 241.768 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Instrument :
MSVOA_Y
ClientSampleId :

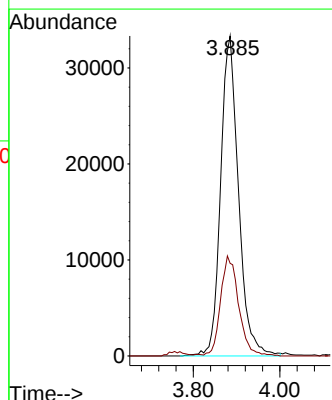
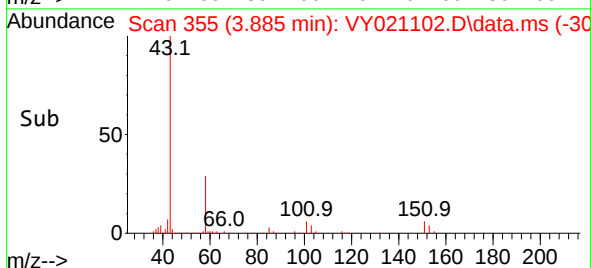
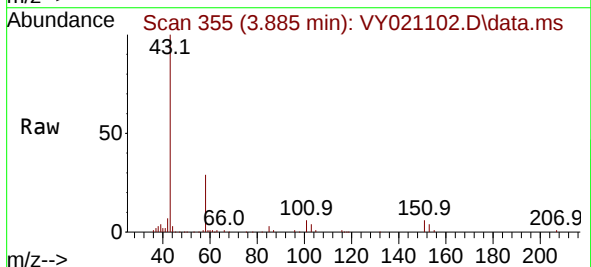


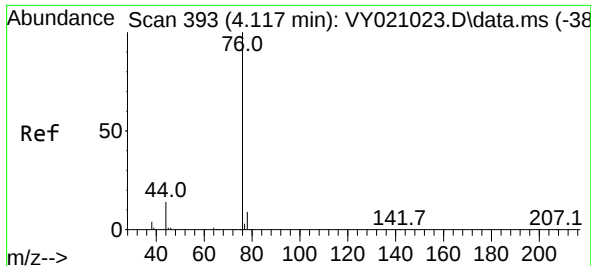
Tgt Ion: 53 Resp: 124232
Ion Ratio Lower Upper
53 100
52 82.2 65.1 97.7
51 37.5 29.0 43.4



#16
Acetone
Concen: 244.226 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 43 Resp: 95643
Ion Ratio Lower Upper
43 100
58 28.9 26.6 39.8

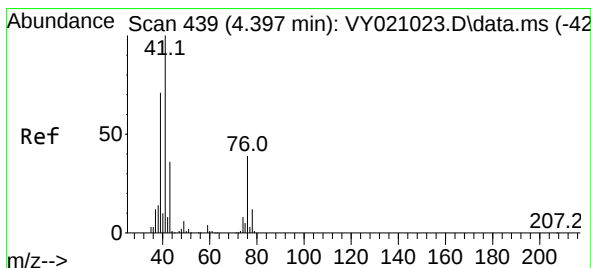
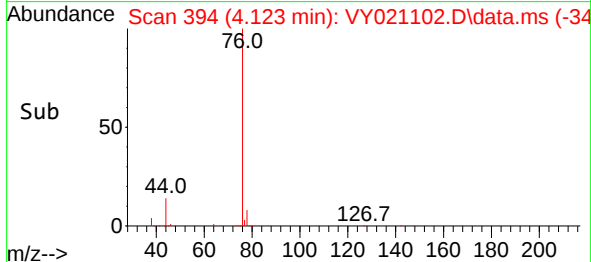
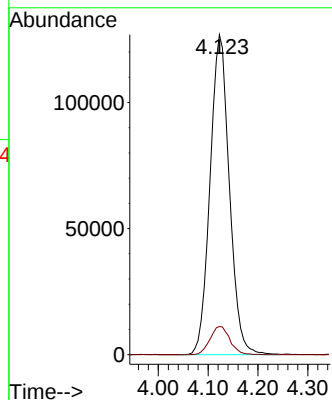
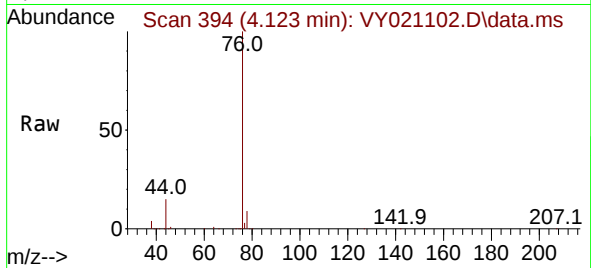




#17
Carbon Disulfide
Concen: 46.602 ug/l
RT: 4.123 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

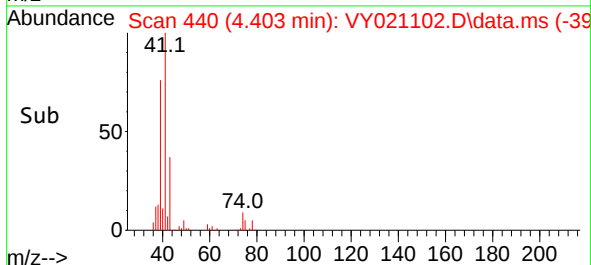
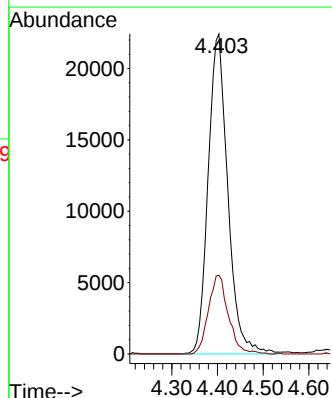
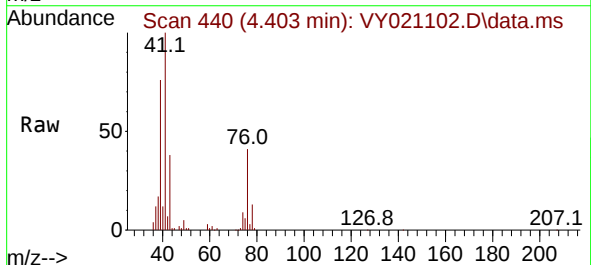
Instrument :
MSVOA_Y
ClientSampleId :

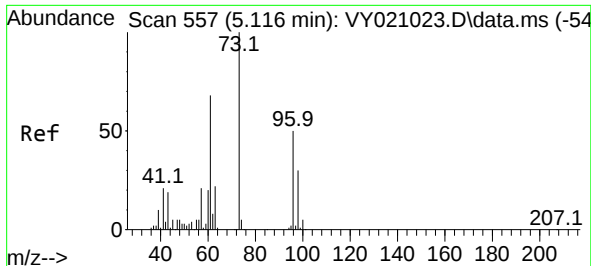
Tgt Ion: 76 Resp: 341499
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 48.733 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 43 Resp: 66996
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 48.708 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

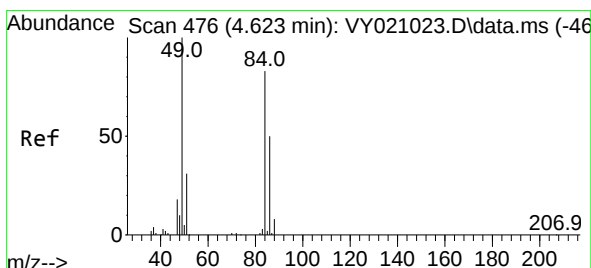
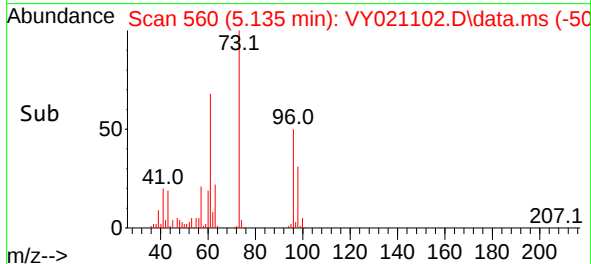
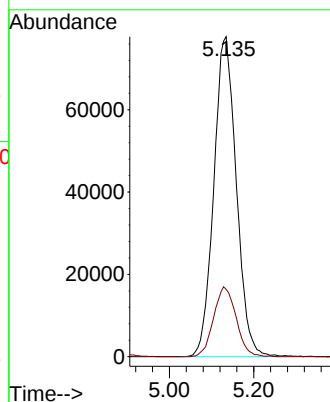
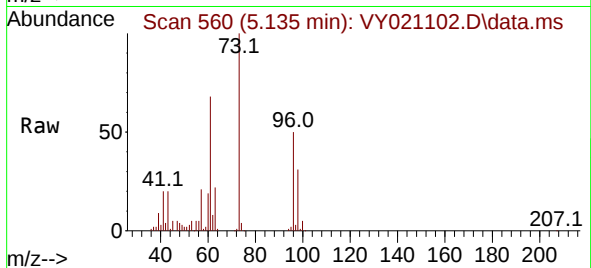
ClientSampleId :

Tgt Ion: 73 Resp: 287702

Ion Ratio Lower Upper

73 100

57 21.1 17.7 26.5



#20

Methylene Chloride

Concen: 46.849 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.012 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Tgt Ion: 84 Resp: 114055

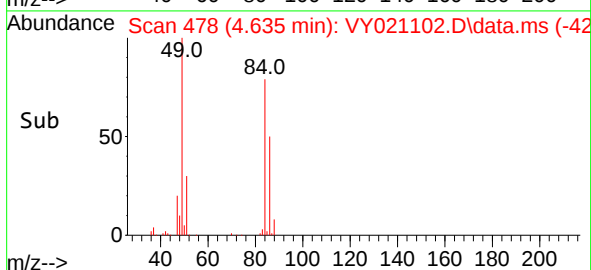
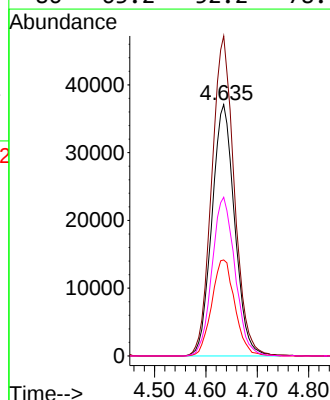
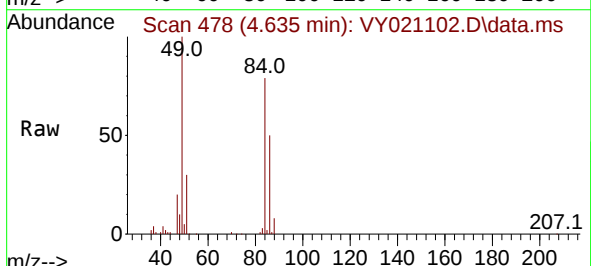
Ion Ratio Lower Upper

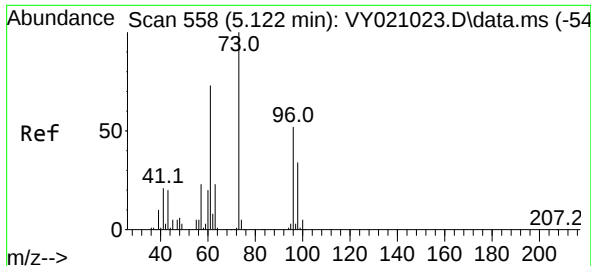
84 100

49 127.3 95.2 142.8

51 38.2 29.9 44.9

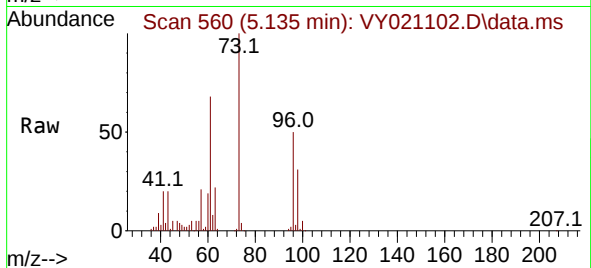
86 63.2 52.2 78.4



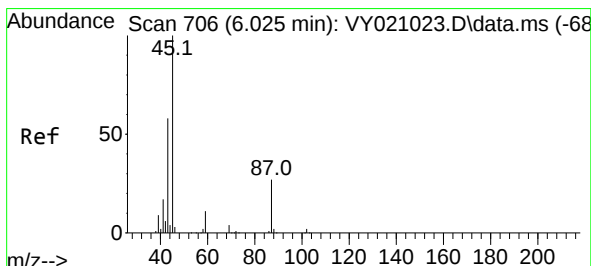
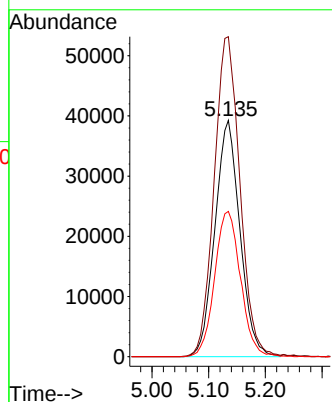
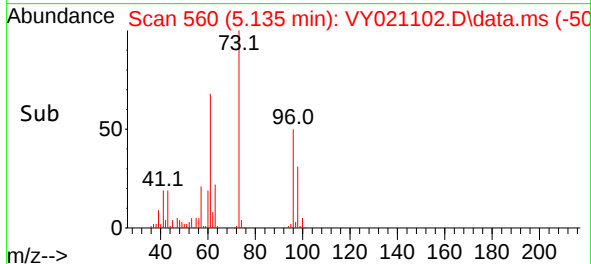


#21
trans-1,2-Dichloroethene
Concen: 46.768 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Instrument :
MSVOA_Y
ClientSampleId :

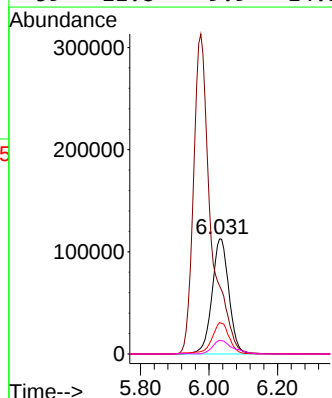
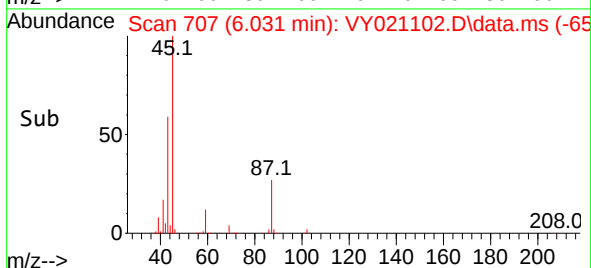
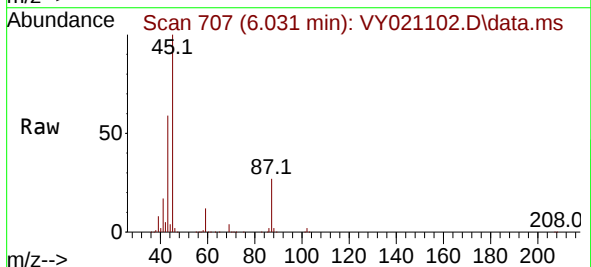


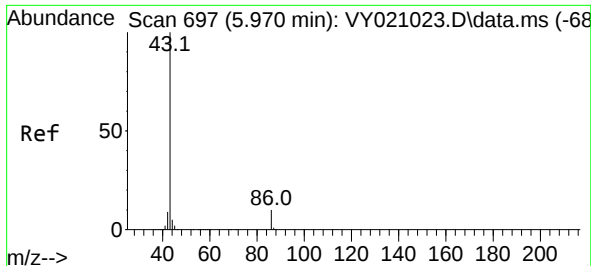
Tgt Ion: 96 Resp: 120305
Ion Ratio Lower Upper
96 100
61 135.4 104.6 156.8
98 61.5 50.9 76.3



#22
Diisopropyl ether
Concen: 47.406 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 45 Resp: 384848
Ion Ratio Lower Upper
45 100
43 58.8 46.8 70.2
87 27.4 22.2 33.2
59 11.8 9.9 14.9

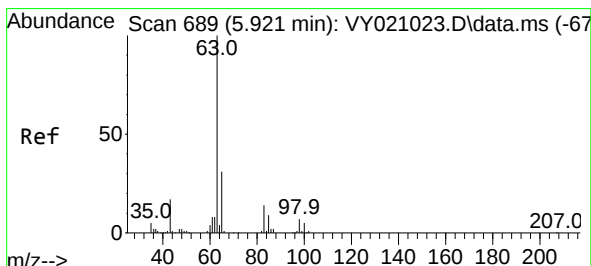
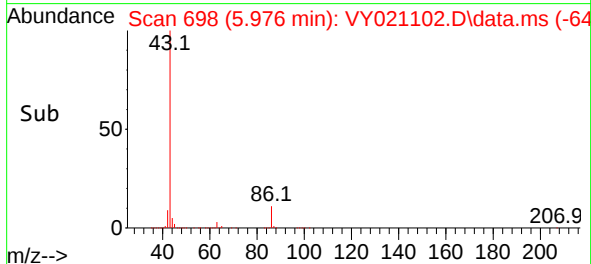
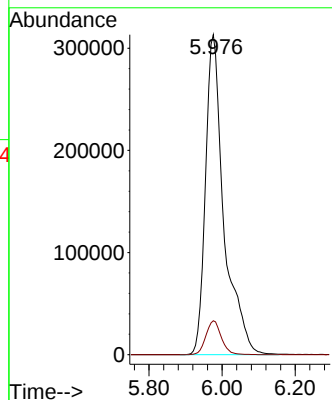
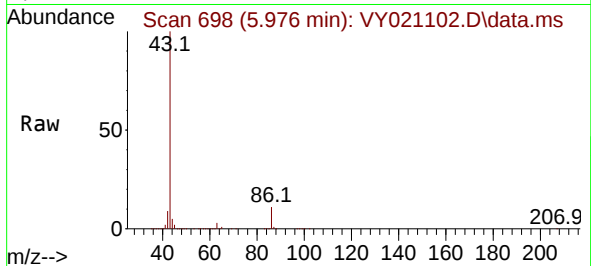




#23
 Vinyl Acetate
 Concen: 242.052 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY021102.D
 Acq: 06 Feb 2025 09:39

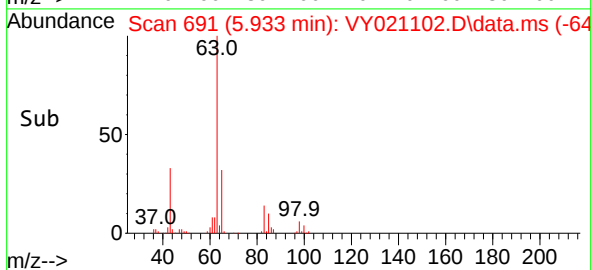
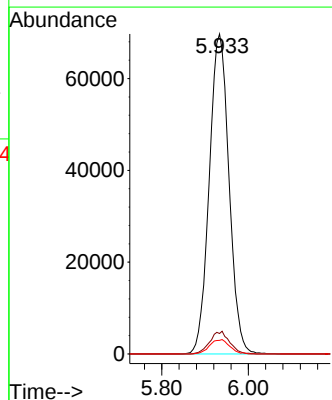
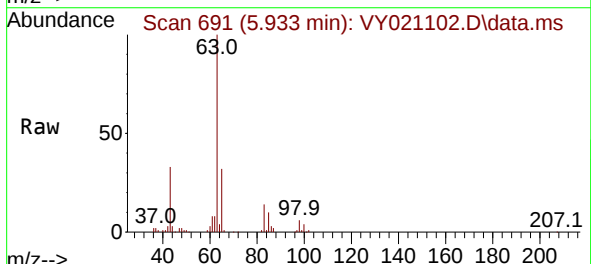
Instrument :
 MSVOA_Y
 ClientSampleId :

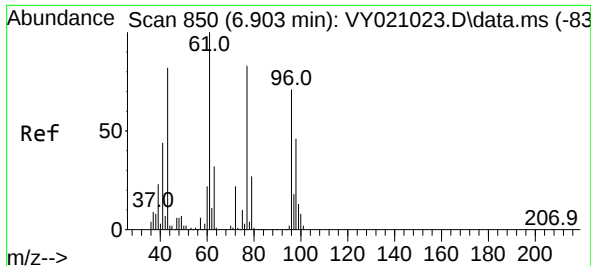
Tgt Ion: 43 Resp: 1095426
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.420 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021102.D
 Acq: 06 Feb 2025 09:39

Tgt Ion: 63 Resp: 220788
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 246.221 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

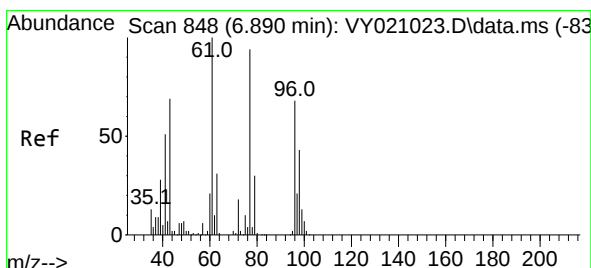
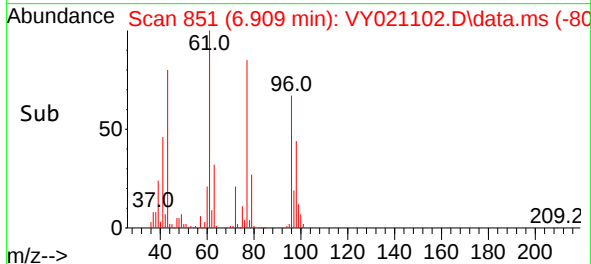
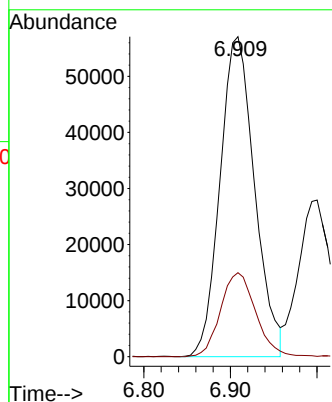
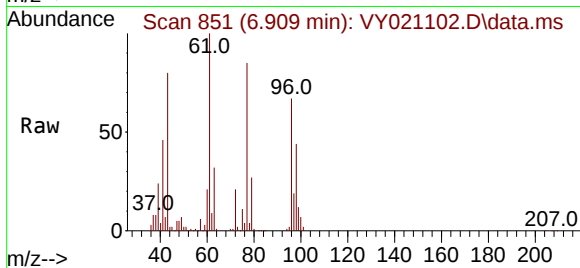
ClientSampleId :

Tgt Ion: 43 Resp: 158451

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.522 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021102.D

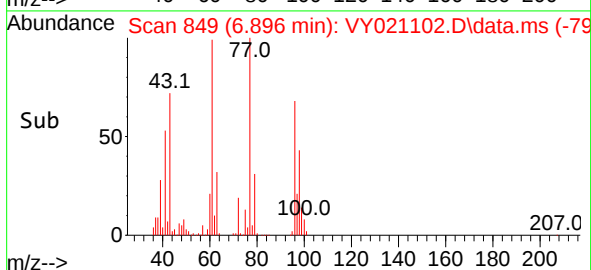
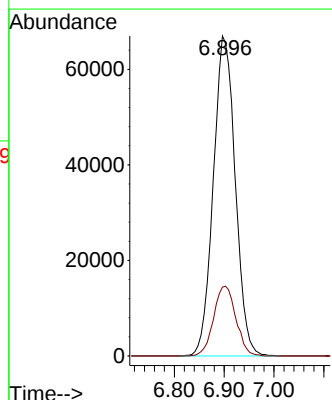
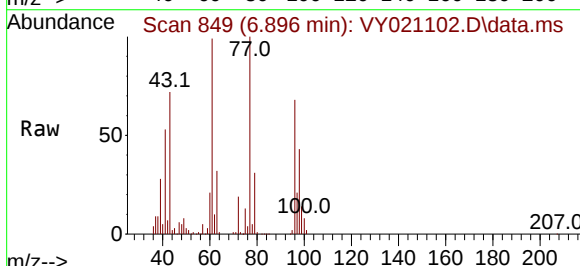
Acq: 06 Feb 2025 09:39

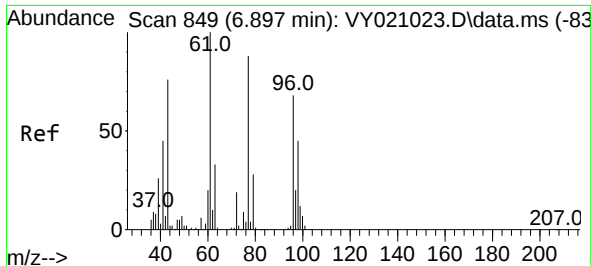
Tgt Ion: 77 Resp: 204744

Ion Ratio Lower Upper

77 100

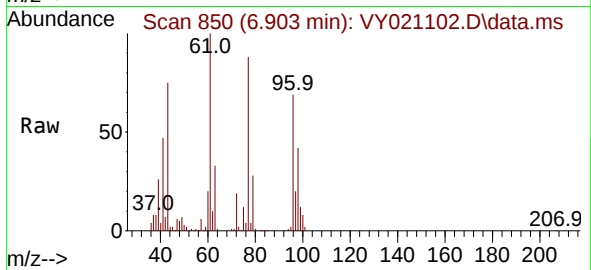
97 22.1 11.7 35.0



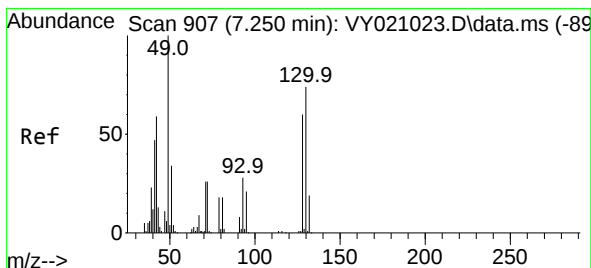
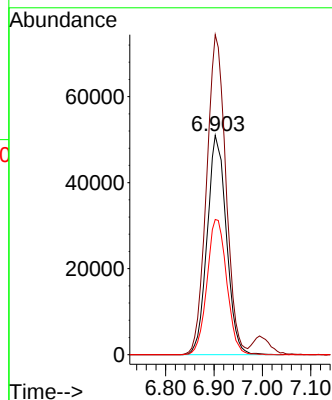
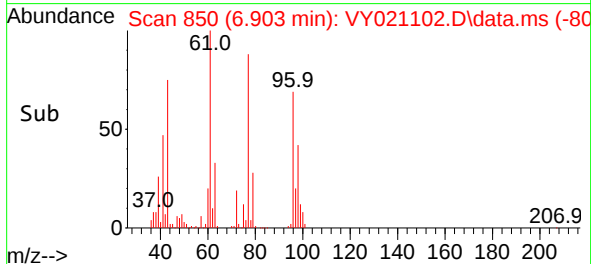


#27
 cis-1,2-Dichloroethene
 Concen: 47.515 ug/l
 RT: 6.903 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021102.D
 Acq: 06 Feb 2025 09:39

Instrument :
 MSVOA_Y
 ClientSampleId :

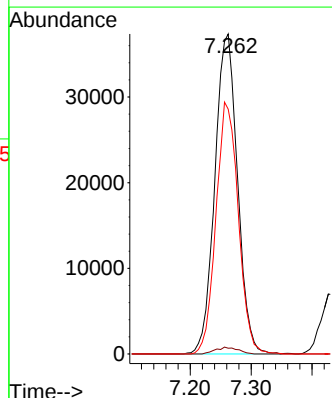
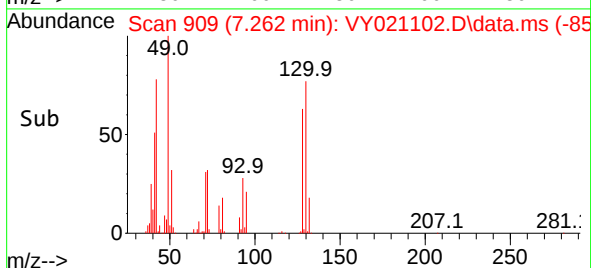
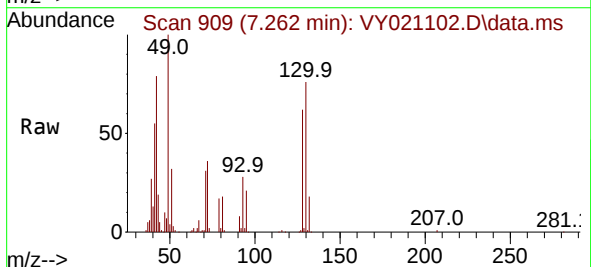


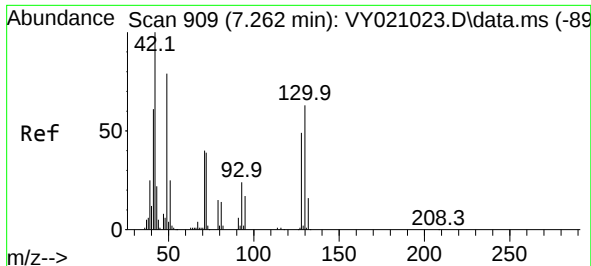
Tgt Ion: 96 Resp: 140688
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 278.8
 98 63.3 0.0 127.0



#28
 Bromochloromethane
 Concen: 51.354 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY021102.D
 Acq: 06 Feb 2025 09:39

Tgt Ion: 49 Resp: 96586
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 77.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 244.321 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

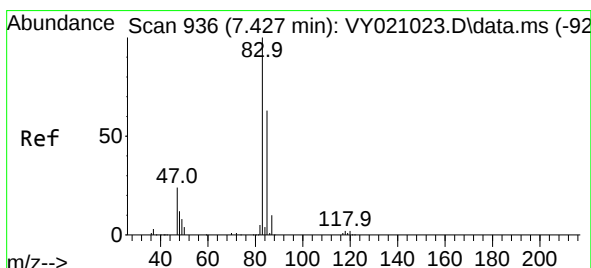
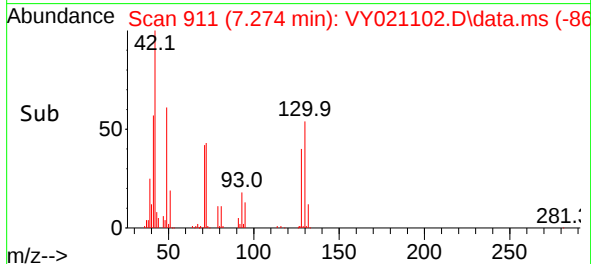
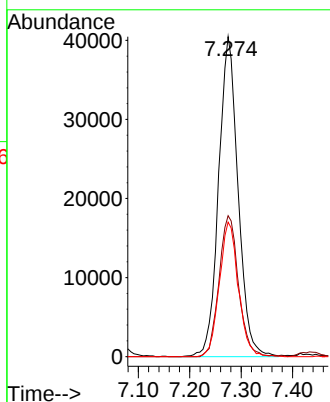
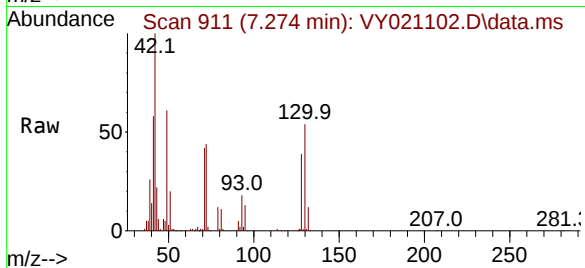
Tgt Ion: 42 Resp: 106391

Ion Ratio Lower Upper

42 100

72 44.2 36.6 54.8

71 41.1 33.8 50.6



#30

Chloroform

Concen: 46.370 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021102.D

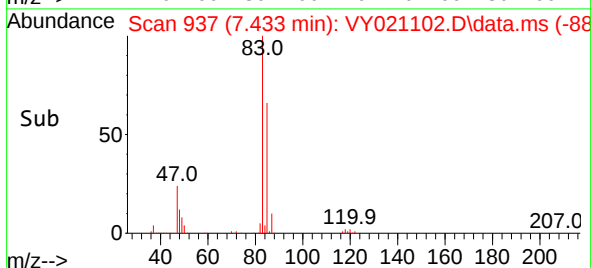
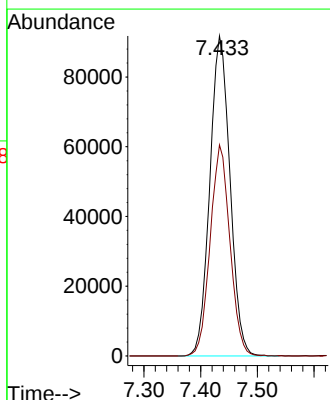
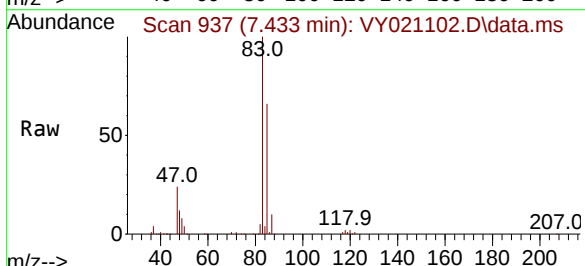
Acq: 06 Feb 2025 09:39

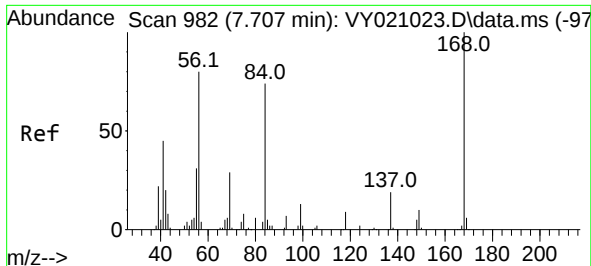
Tgt Ion: 83 Resp: 226540

Ion Ratio Lower Upper

83 100

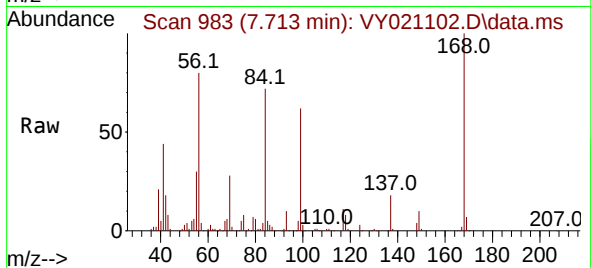
85 65.9 51.2 76.8



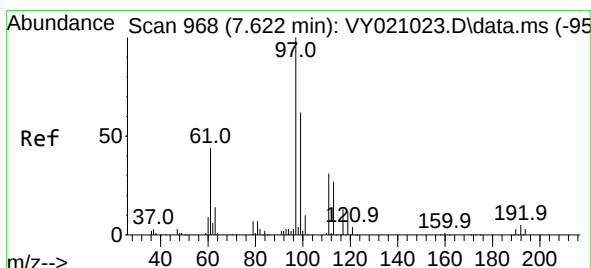
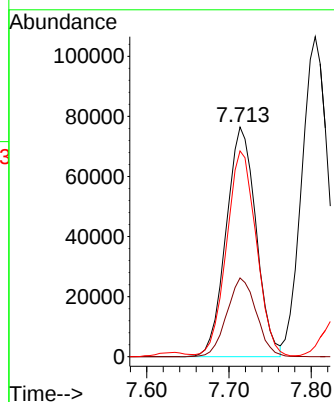
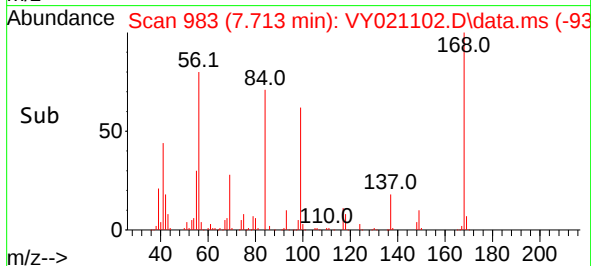


#31
Cyclohexane
Concen: 45.193 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

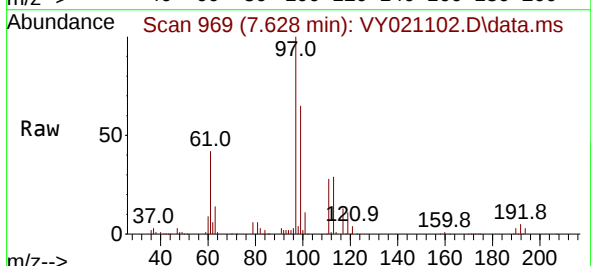
Instrument :
MSVOA_Y
ClientSampleId :



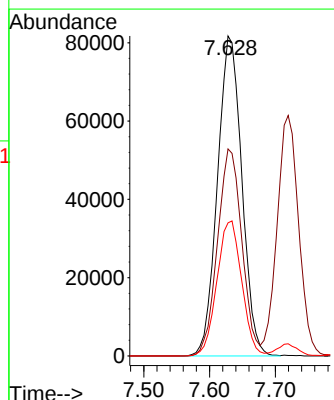
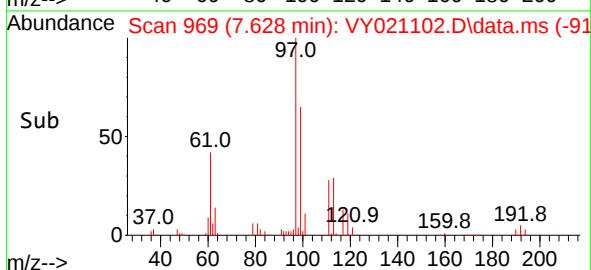
Tgt Ion: 56 Resp: 193571
Ion Ratio Lower Upper
56 100
69 34.3 27.0 40.6
84 88.0 71.8 107.6

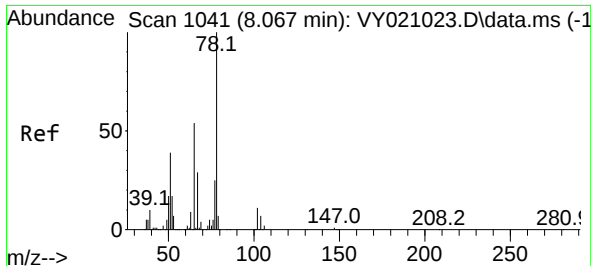


#32
1,1,1-Trichloroethane
Concen: 46.425 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39



Tgt Ion: 97 Resp: 210871
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 42.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 47.619 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

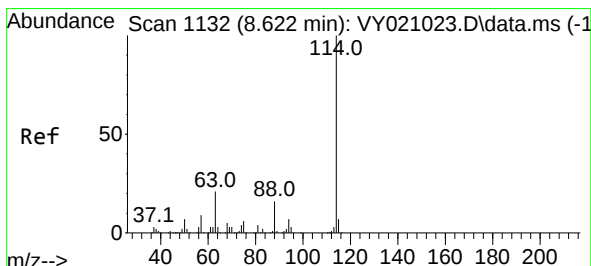
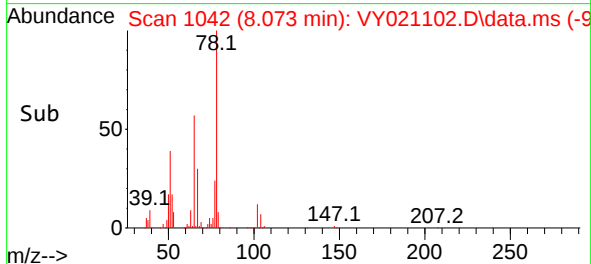
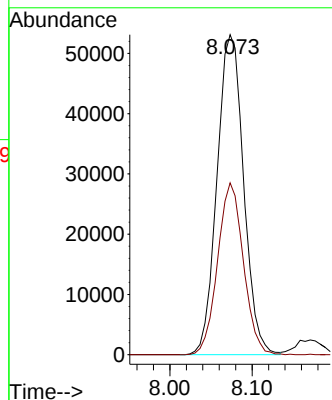
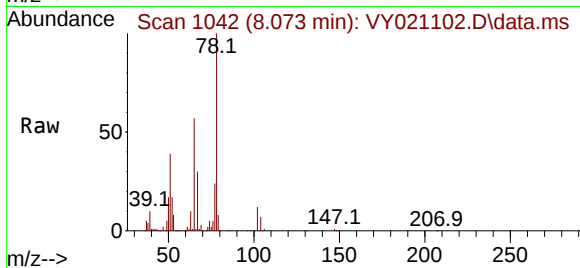
ClientSampleId :

Tgt Ion: 65 Resp: 119581

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

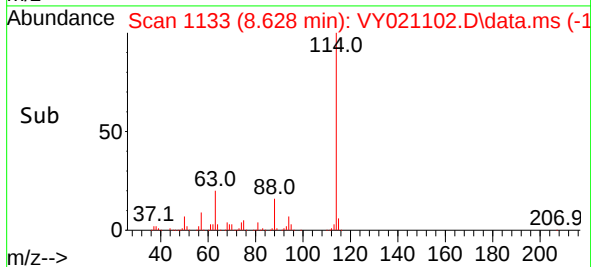
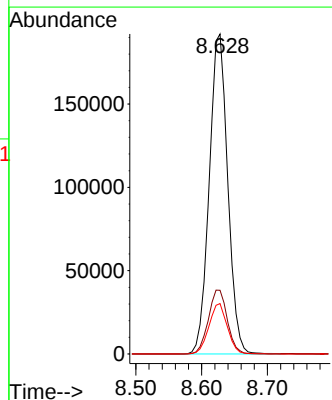
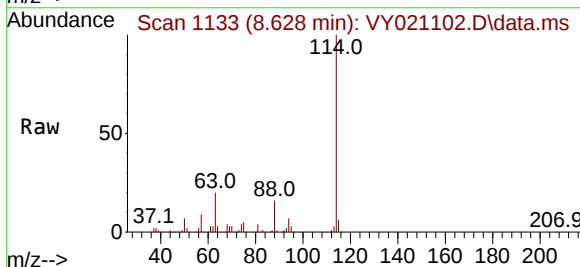
Tgt Ion: 114 Resp: 376157

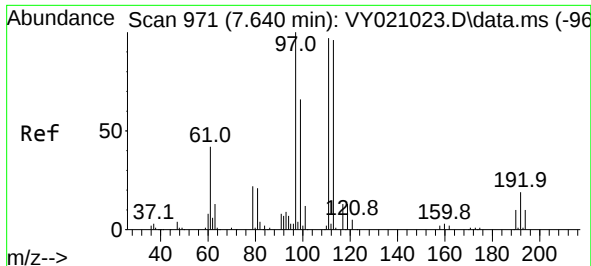
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.7 0.0 29.0

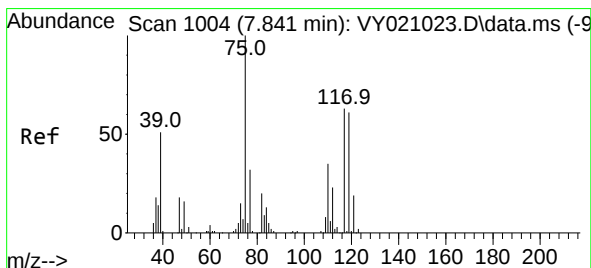
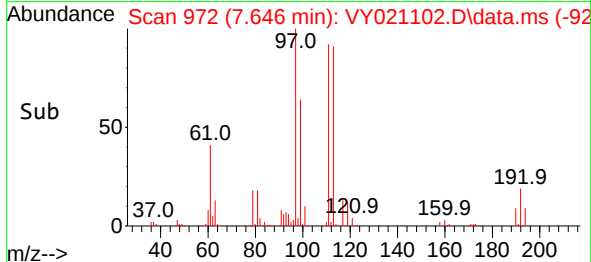
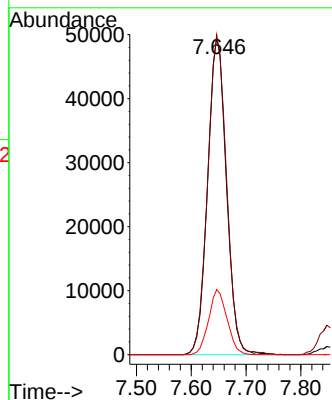
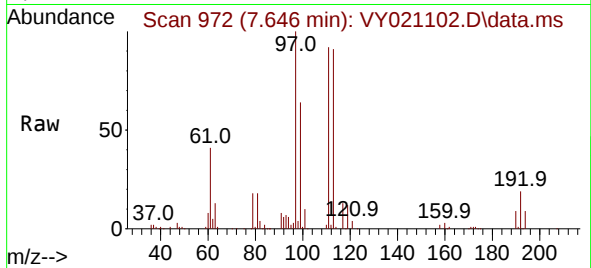




#35
Dibromofluoromethane
Concen: 48.817 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

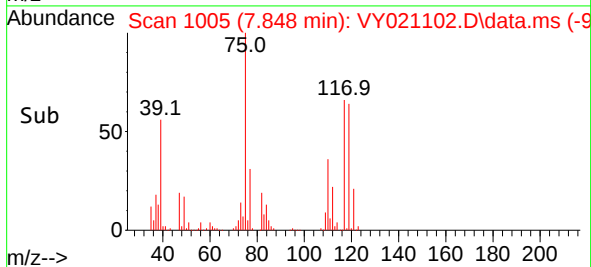
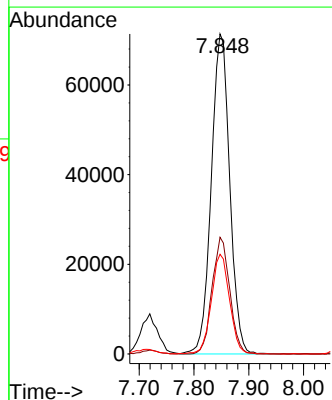
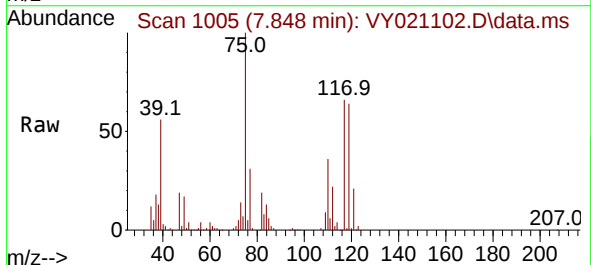
Instrument :
MSVOA_Y
ClientSampleId :

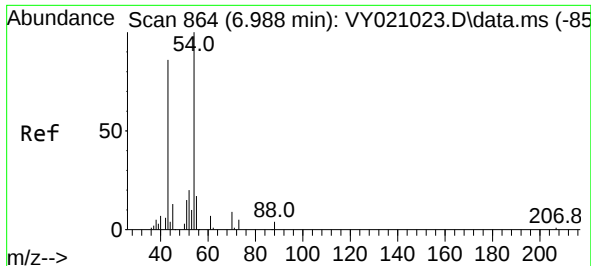
Tgt Ion:113 Resp: 117682
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 20.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 46.701 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 75 Resp: 166751
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 30.7 24.7 37.1

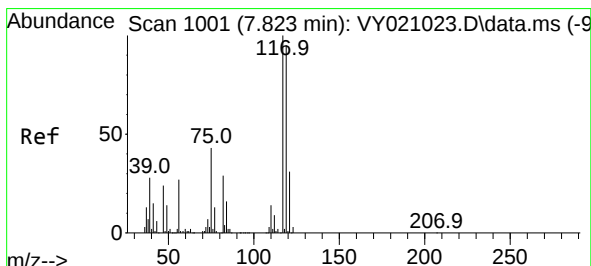
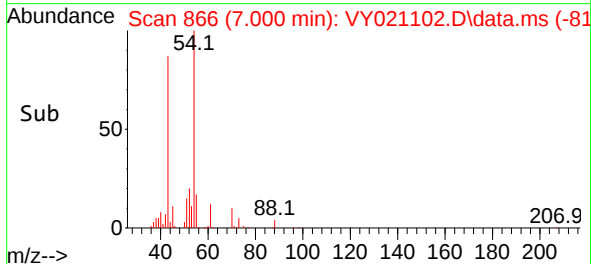
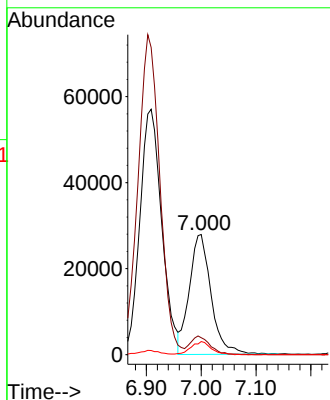
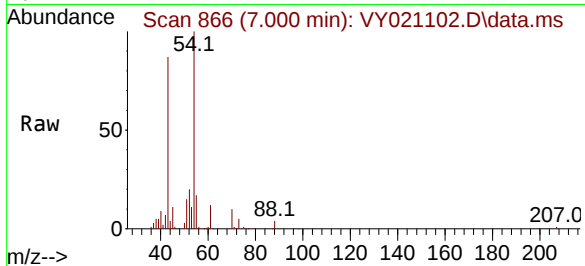




#37
Ethyl Acetate
Concen: 49.145 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

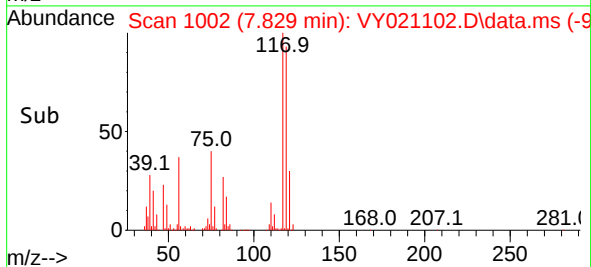
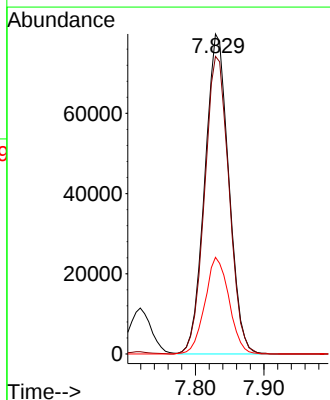
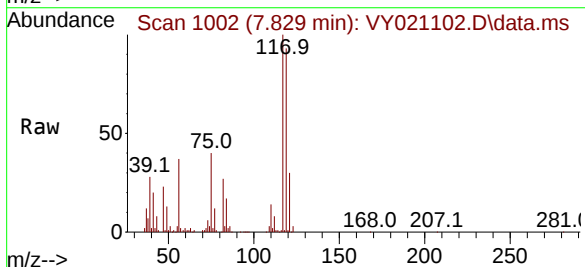
Instrument :
MSVOA_Y
ClientSampleId :

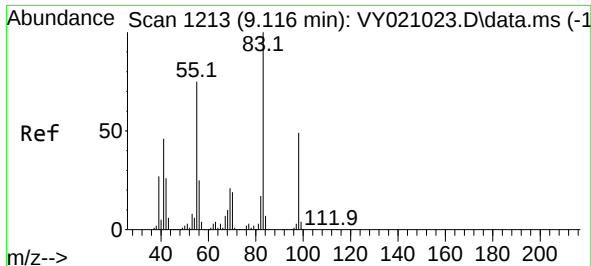
Tgt Ion: 43 Resp: 76980
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 10.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 46.480 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

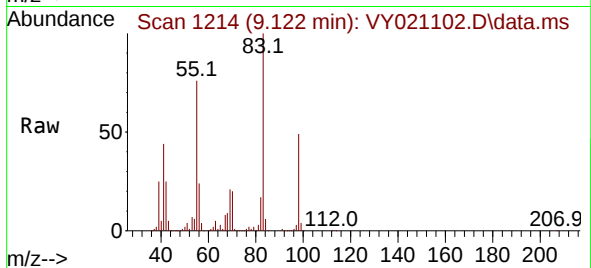
Tgt Ion: 117 Resp: 193920
Ion Ratio Lower Upper
117 100
119 93.0 76.0 114.0
121 30.2 24.2 36.2



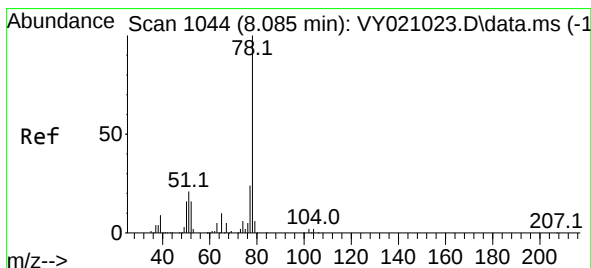
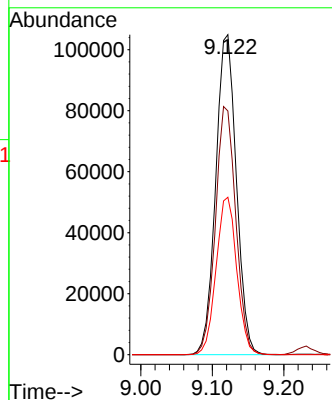
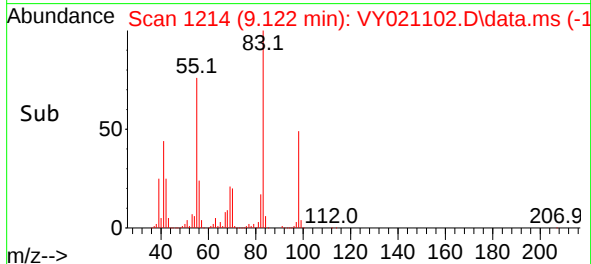


#39
Methylcyclohexane
Concen: 48.249 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Instrument :
MSVOA_Y
ClientSampleId :

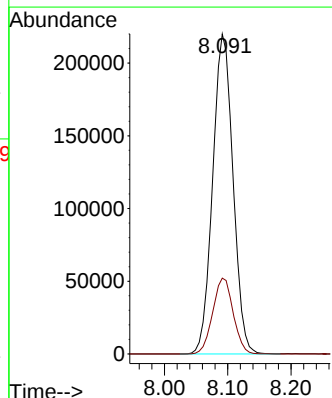
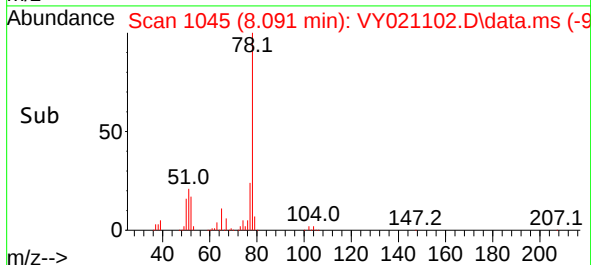
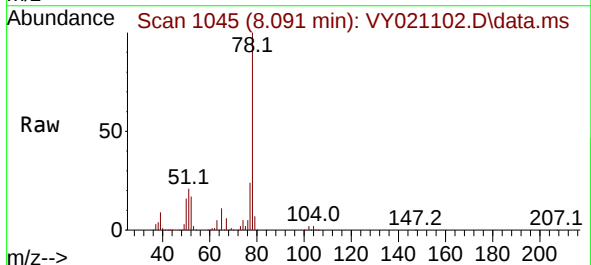


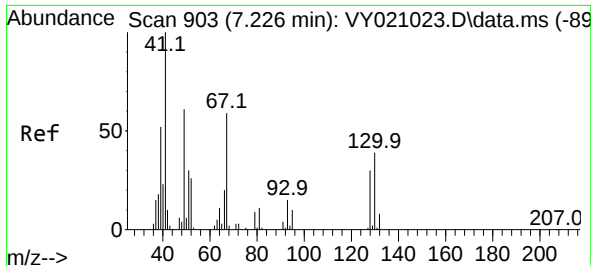
Tgt Ion: 83 Resp: 210728
Ion Ratio Lower Upper
83 100
55 76.2 59.7 89.5
98 49.2 38.0 57.0



#40
Benzene
Concen: 46.772 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

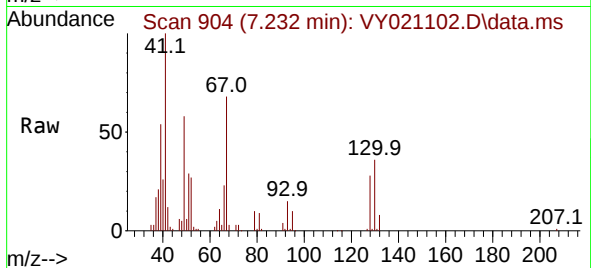
Tgt Ion: 78 Resp: 490094
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



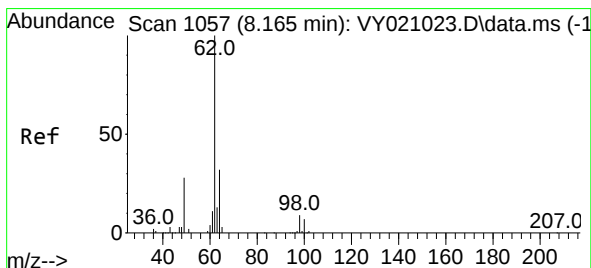
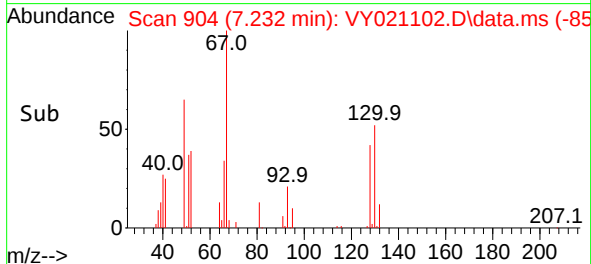
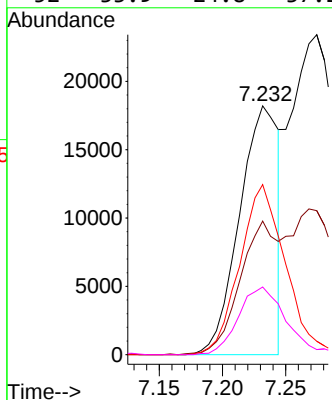


#41
Methacrylonitrile
Concen: 42.978 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Instrument :
MSVOA_Y
ClientSampleId :

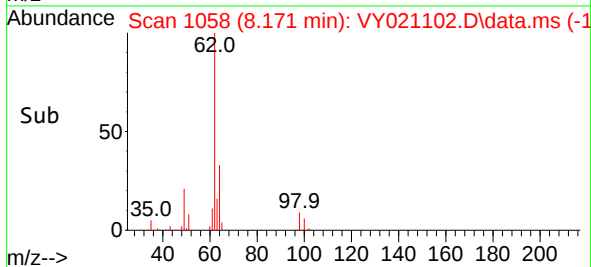
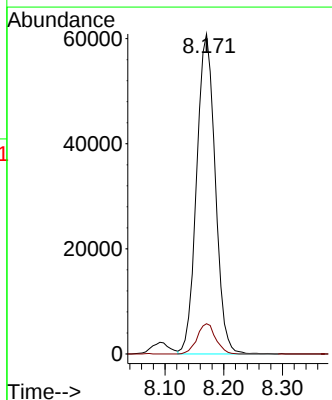
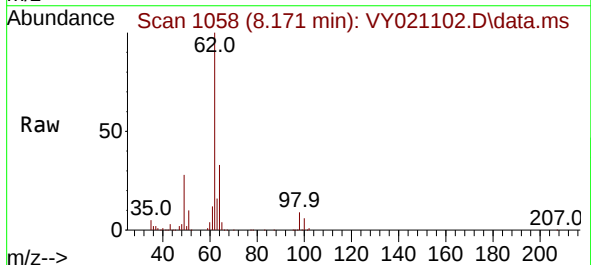


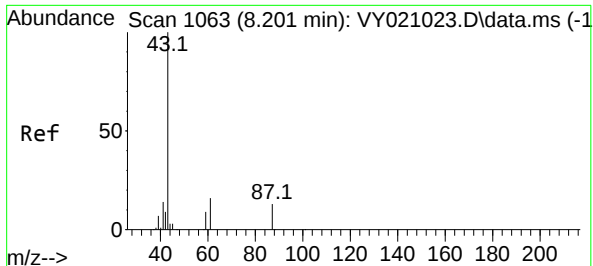
Tgt Ion:	41	Resp:	38947
Ion	Ratio	Lower	Upper
41	100		
39	51.9	41.9	62.9
67	80.3	59.8	89.6
52	33.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 45.983 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion:	62	Resp:	133662
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2

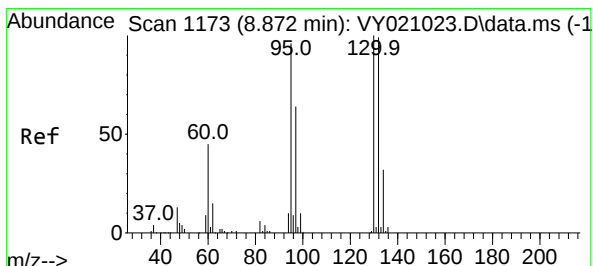
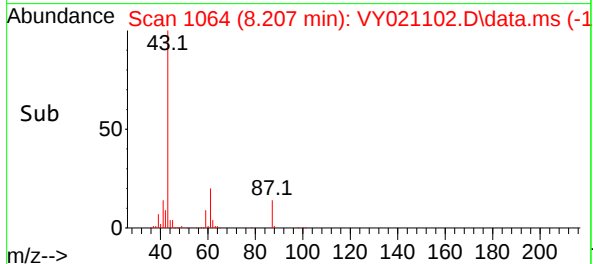
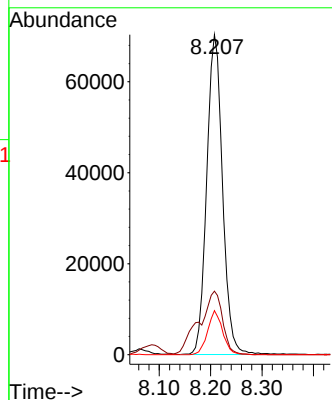
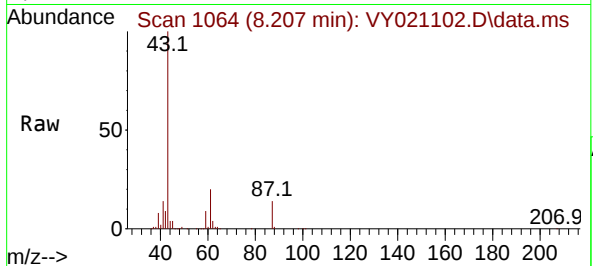




#43
Isopropyl Acetate
Concen: 48.293 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

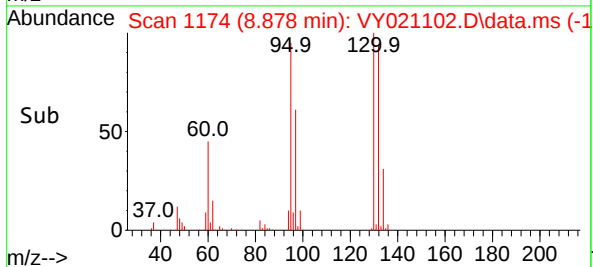
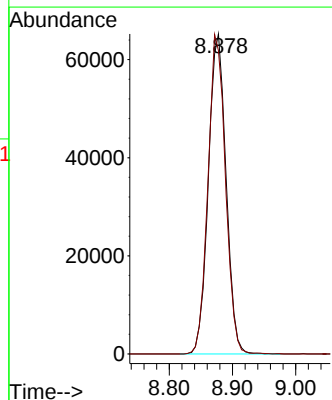
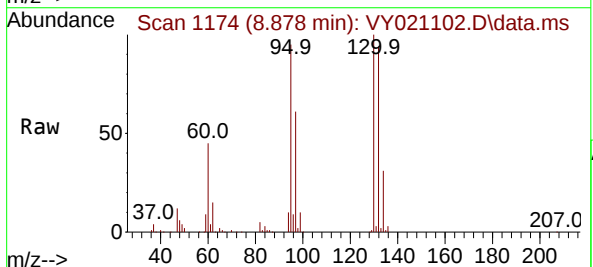
Instrument :
MSVOA_Y
ClientSampleId :

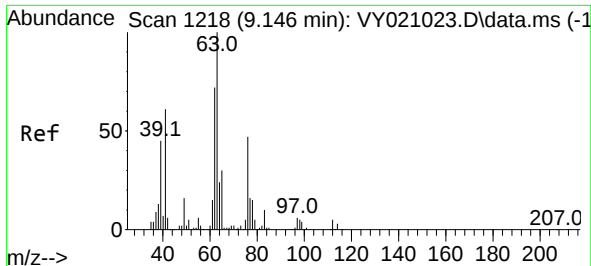
Tgt Ion: 43 Resp: 150310
Ion Ratio Lower Upper
43 100
61 29.5 24.8 37.2
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 46.775 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion:130 Resp: 126630
Ion Ratio Lower Upper
130 100
95 94.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 46.850 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

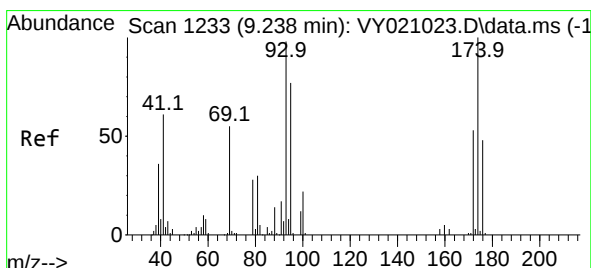
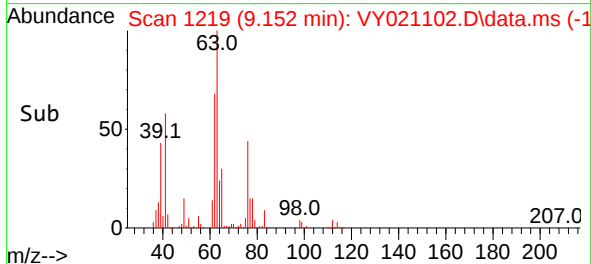
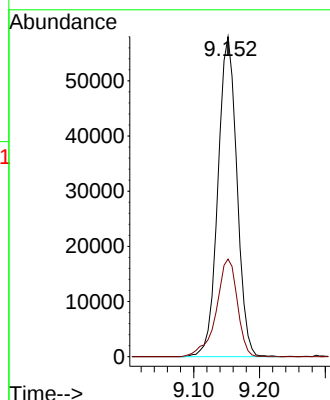
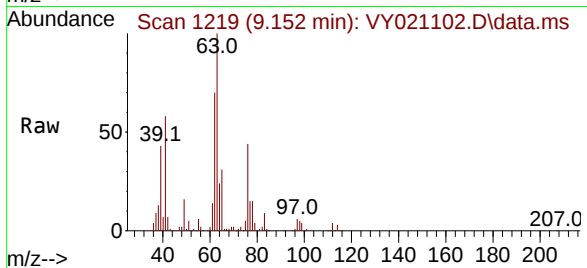
ClientSampleId :

Tgt Ion: 63 Resp: 116519

Ion Ratio Lower Upper

63 100

65 30.5 24.6 36.8



#46

Dibromomethane

Concen: 46.513 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

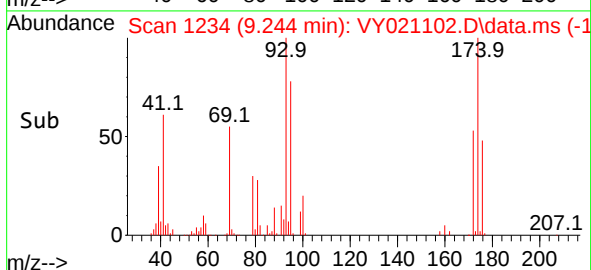
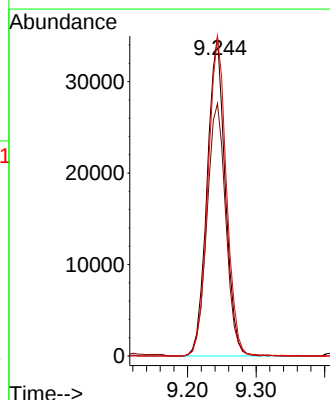
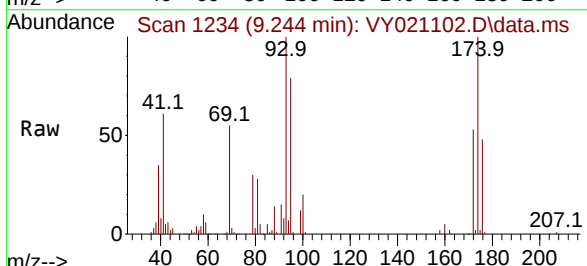
Tgt Ion: 93 Resp: 64051

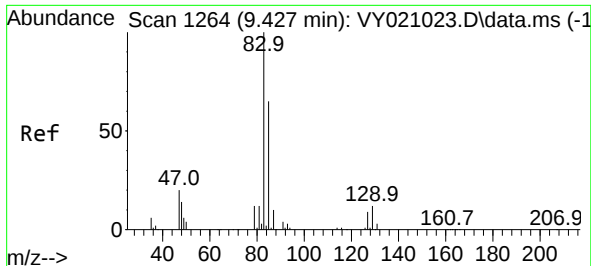
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 101.7 73.8 110.6

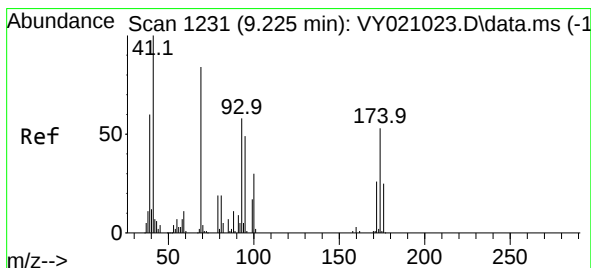
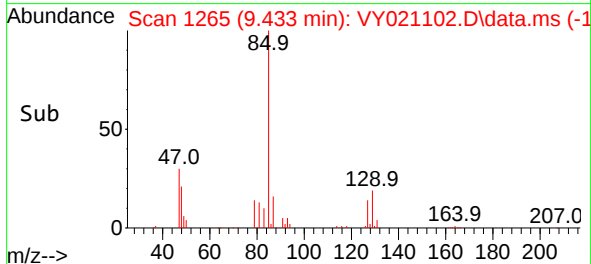
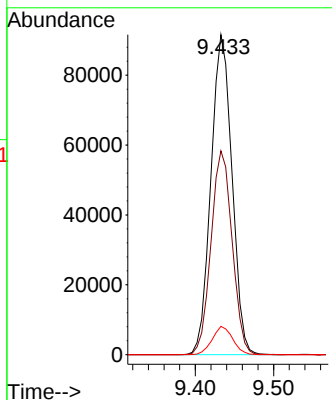
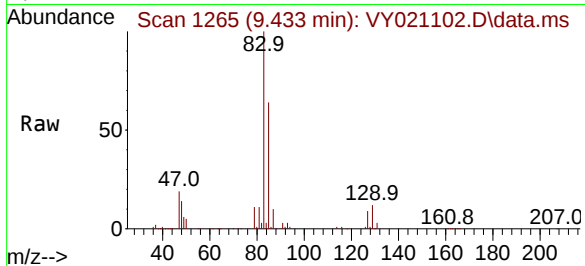




#47
Bromodichloromethane
Concen: 46.271 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

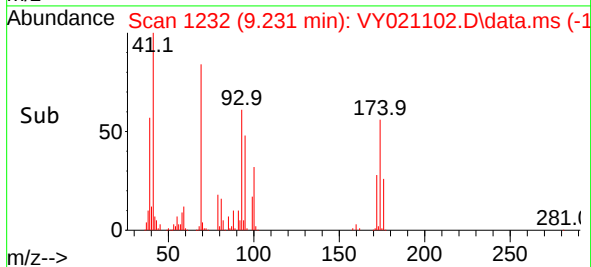
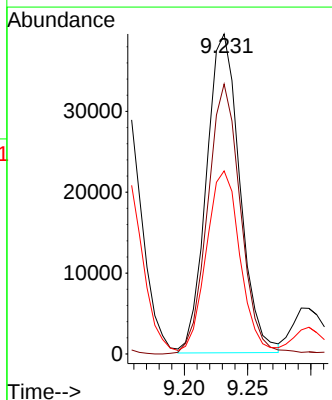
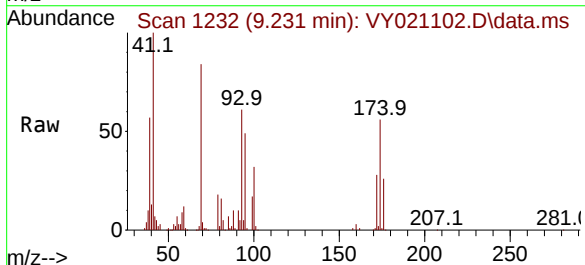
Instrument :
MSVOA_Y
ClientSampleId :

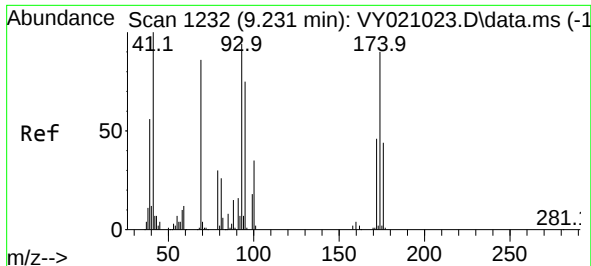
Tgt Ion: 83 Resp: 170885
Ion Ratio Lower Upper
83 100
85 63.7 53.2 79.8
127 8.9 6.4 9.6



#48
Methyl methacrylate
Concen: 51.069 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 41 Resp: 72403
Ion Ratio Lower Upper
41 100
69 83.9 72.1 108.1
39 56.2 42.8 64.2





#49

1,4-Dioxane

Concen: 1021.748 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

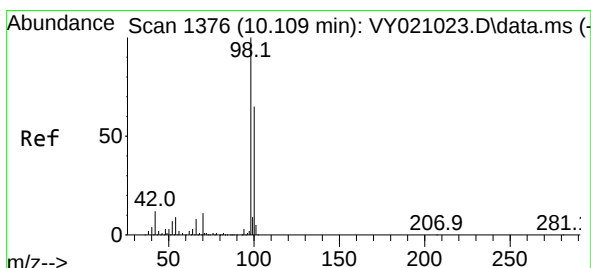
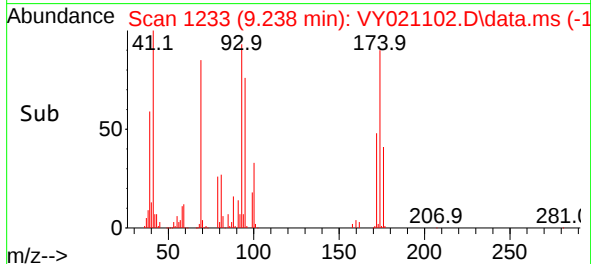
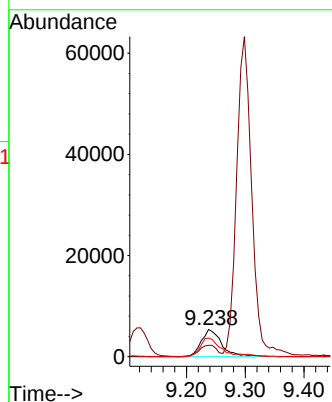
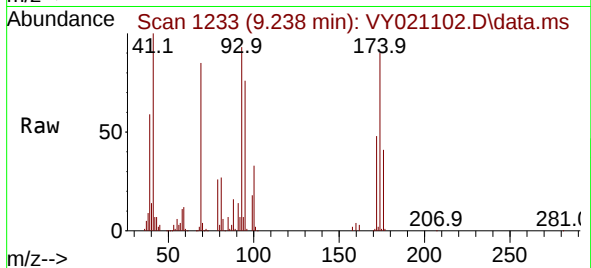
Tgt Ion: 88 Resp: 13098

Ion Ratio Lower Upper

88 100

43 37.8 28.2 42.4

58 72.6 52.2 78.2



#50

Toluene-d8

Concen: 48.786 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021102.D

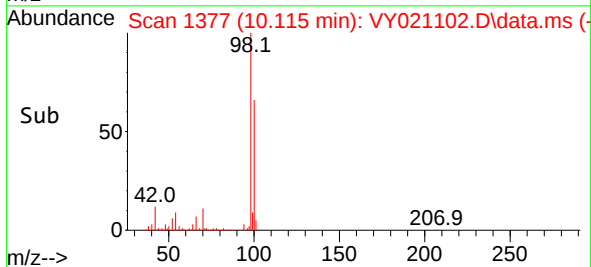
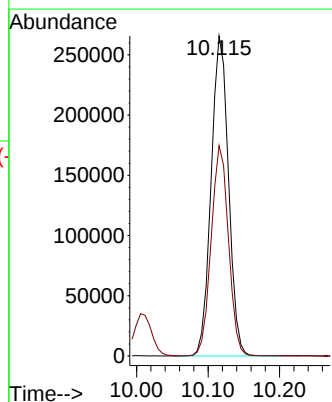
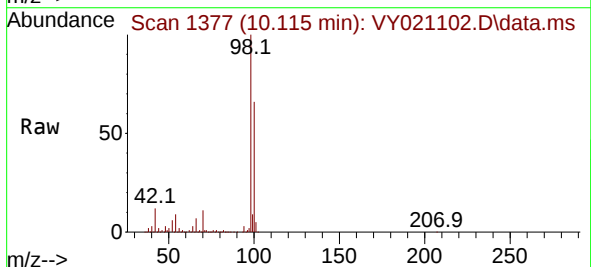
Acq: 06 Feb 2025 09:39

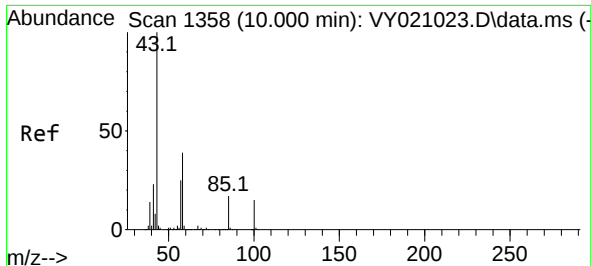
Tgt Ion: 98 Resp: 447738

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

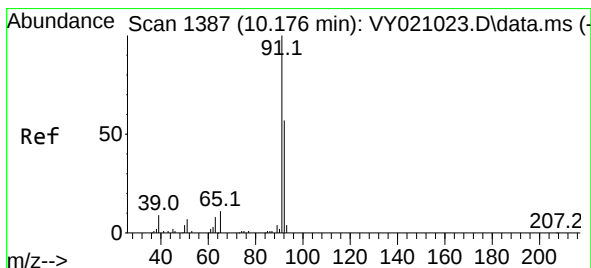
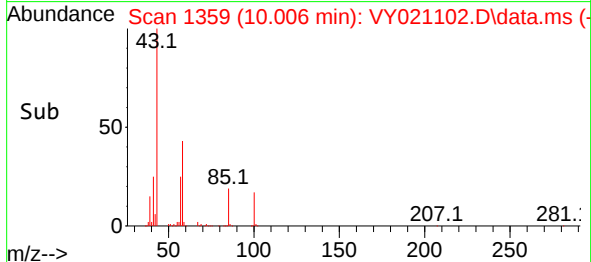
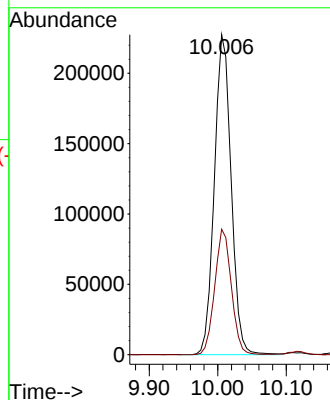
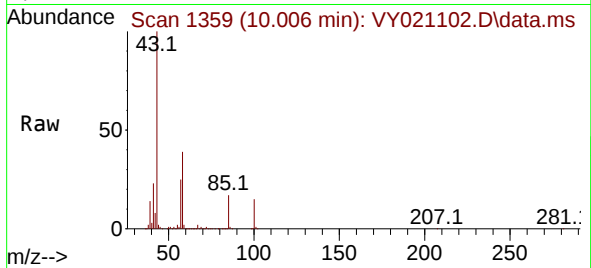




#51
4-Methyl-2-Pentanone
Concen: 247.345 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

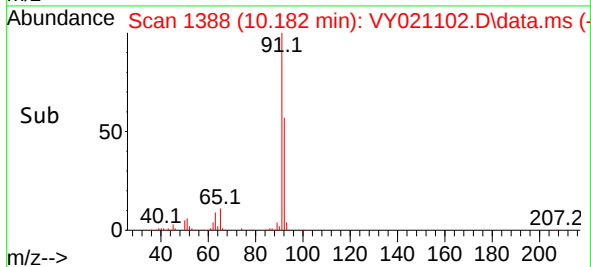
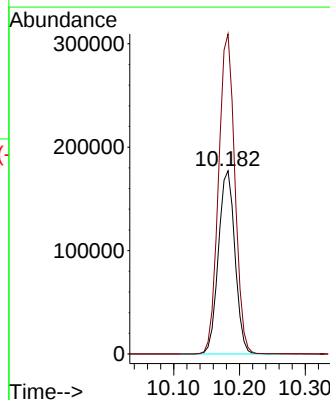
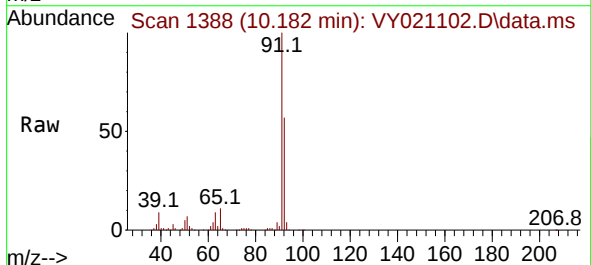
Instrument :
MSVOA_Y
ClientSampleId :

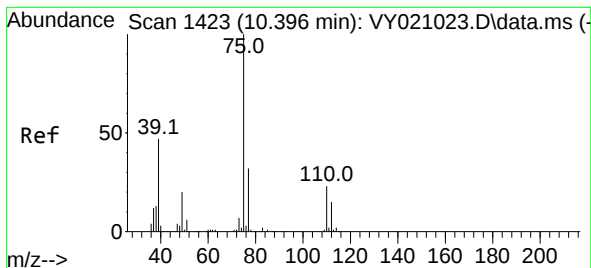
Tgt Ion: 43 Resp: 387134
Ion Ratio Lower Upper
43 100
58 38.9 32.2 48.2



#52
Toluene
Concen: 47.046 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 92 Resp: 309536
Ion Ratio Lower Upper
92 100
91 172.6 137.6 206.4

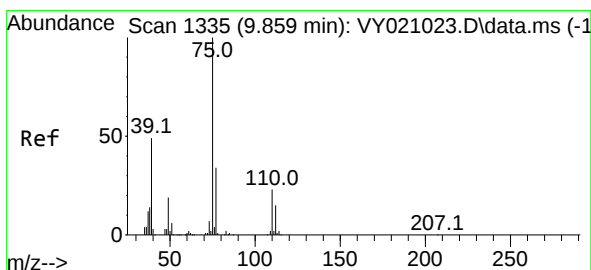
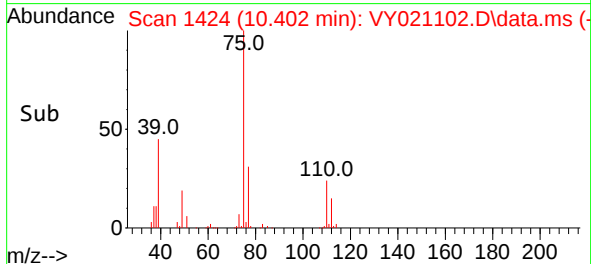
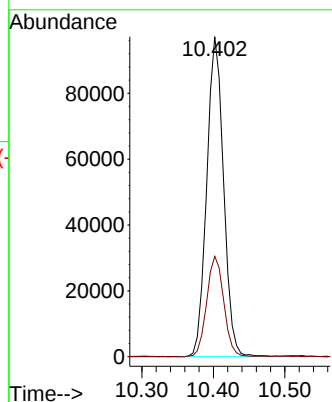
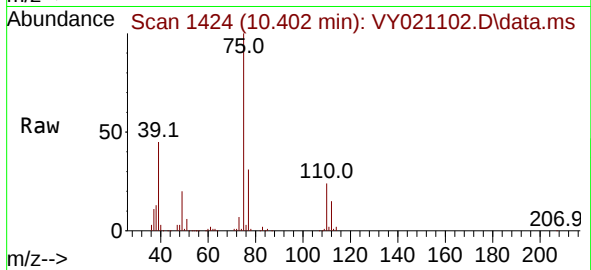




#53
t-1,3-Dichloropropene
Concen: 47.910 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

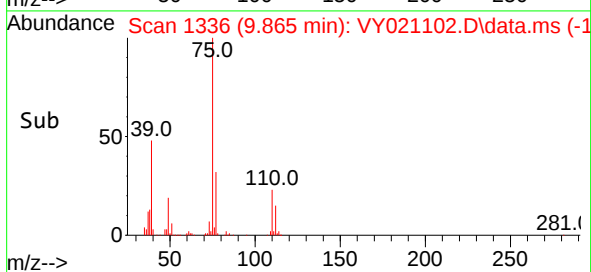
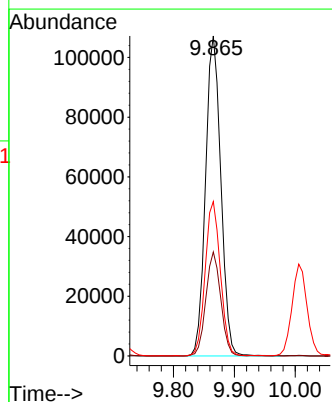
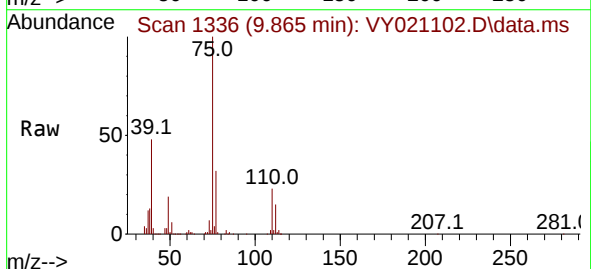
Instrument :
MSVOA_Y
ClientSampleId :

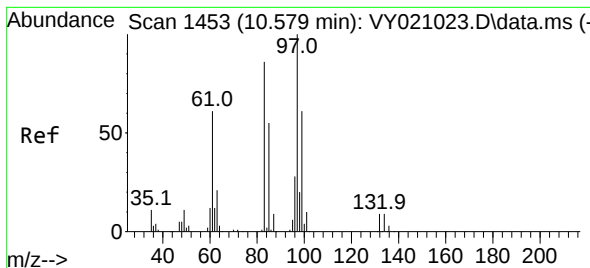
Tgt Ion: 75 Resp: 158875
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 47.648 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 75 Resp: 187087
Ion Ratio Lower Upper
75 100
77 32.5 24.6 36.8
39 48.2 33.6 50.4

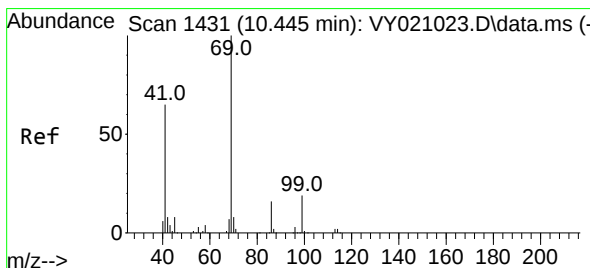
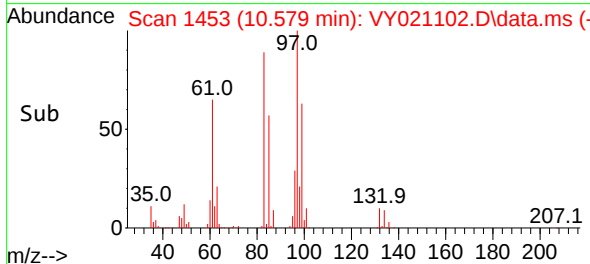
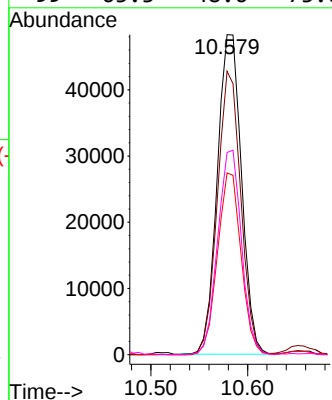
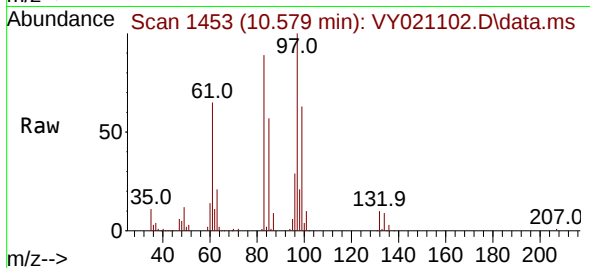




#55
1,1,2-Trichloroethane
Concen: 47.093 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

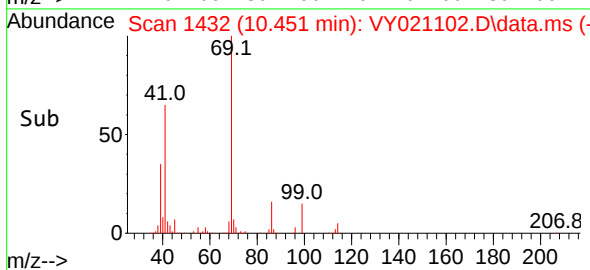
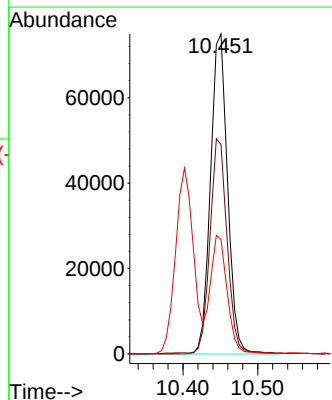
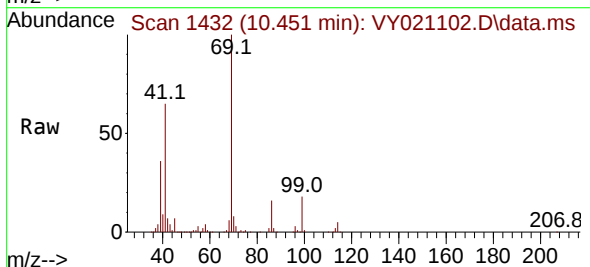
Instrument :
MSVOA_Y
ClientSampleId :

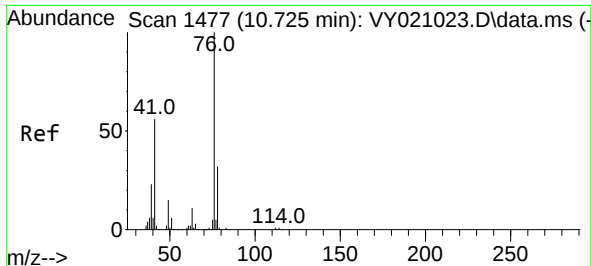
Tgt Ion: 97	Resp: 83975
Ion Ratio	Lower Upper
97 100	
83 88.7	69.4 104.2
85 56.9	43.9 65.9
99 63.3	48.6 73.0



#56
Ethyl methacrylate
Concen: 49.869 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 69	Resp: 118962
Ion Ratio	Lower Upper
69 100	
41 68.3	49.2 73.8
39 36.3	26.8 40.2





#57

1,3-Dichloropropane

Concen: 47.579 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

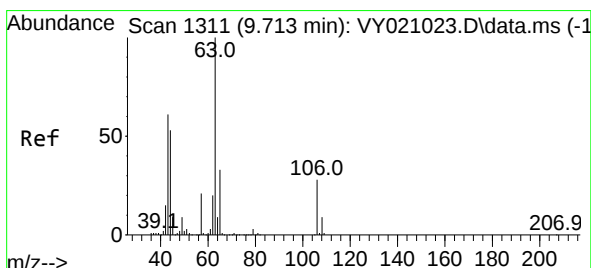
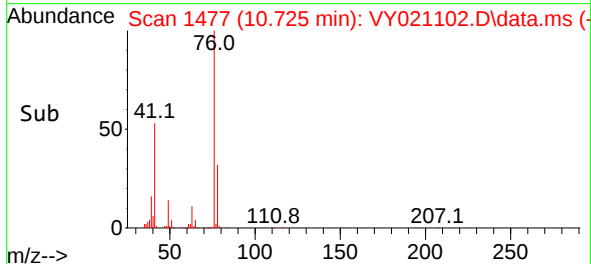
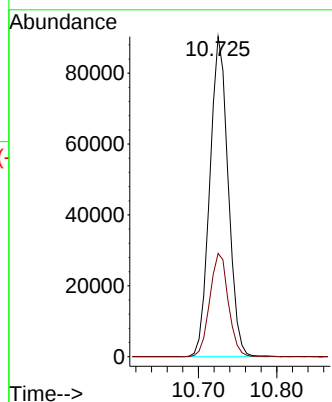
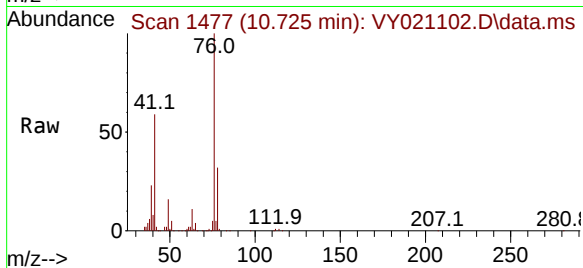
ClientSampleId :

Tgt Ion: 76 Resp: 146851

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 246.009 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021102.D

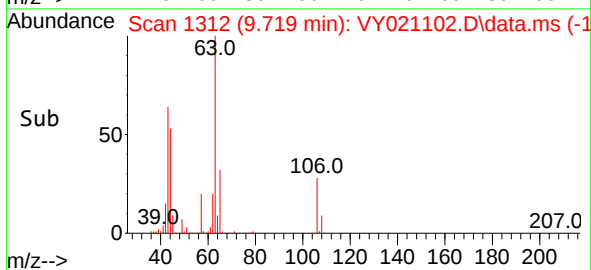
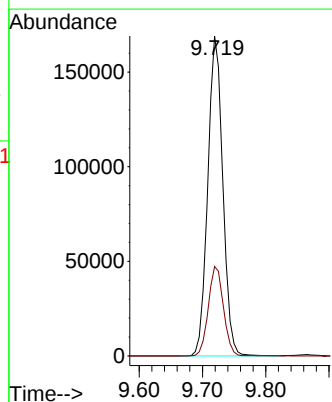
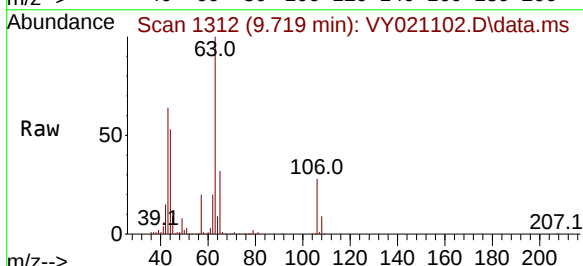
Acq: 06 Feb 2025 09:39

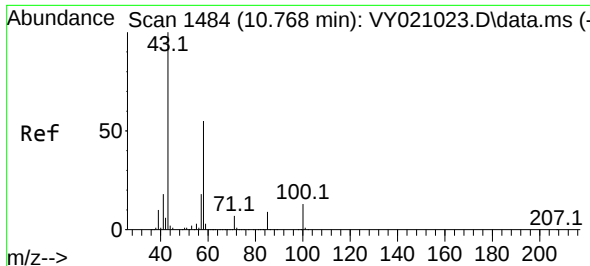
Tgt Ion: 63 Resp: 279194

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

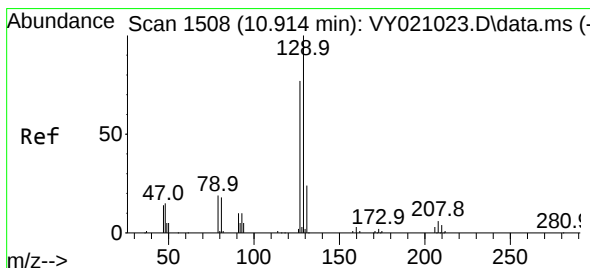
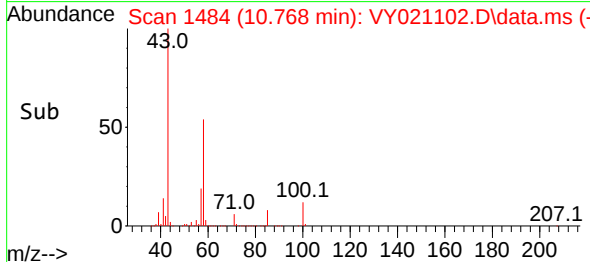
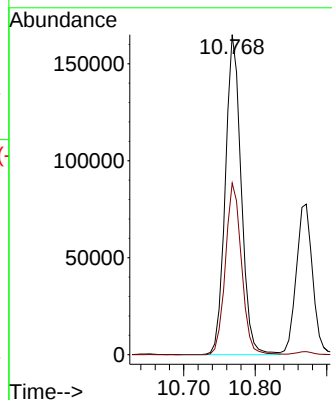
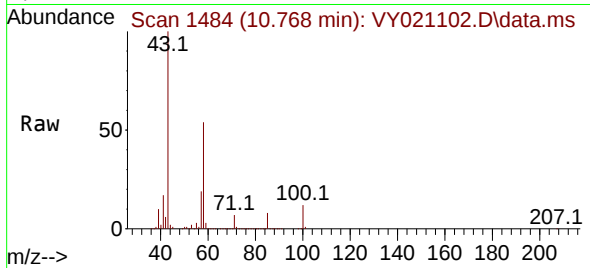




#59
2-Hexanone
Concen: 252.330 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

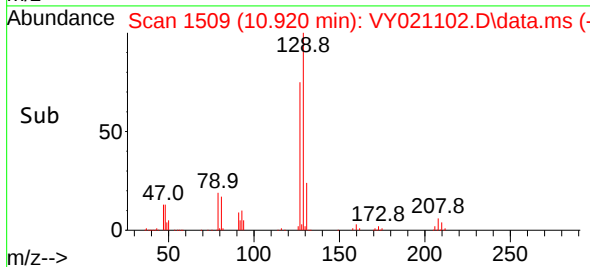
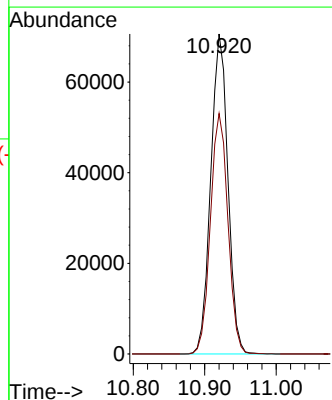
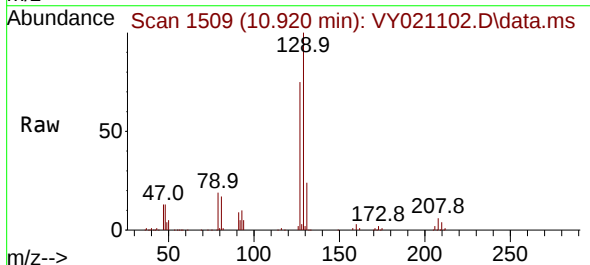
Instrument :
MSVOA_Y
ClientSampleId :

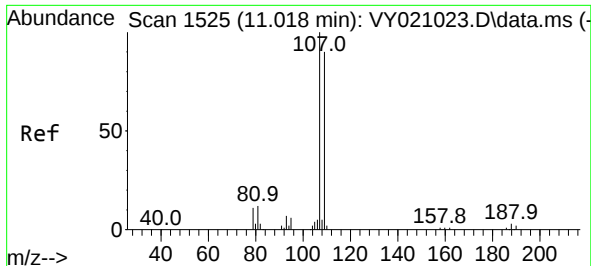
Tgt Ion: 43 Resp: 254284
Ion Ratio Lower Upper
43 100
58 54.2 28.1 84.3



#60
Dibromochloromethane
Concen: 46.986 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 129 Resp: 117663
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

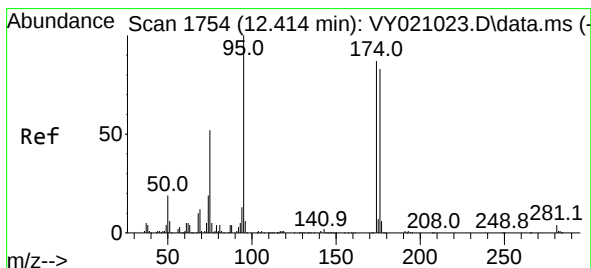
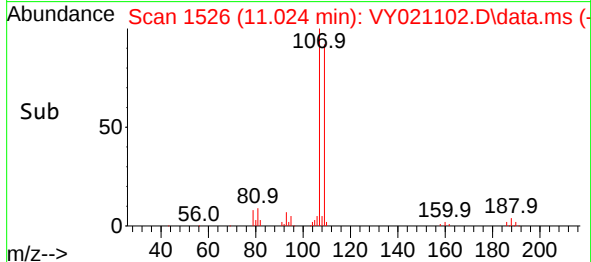
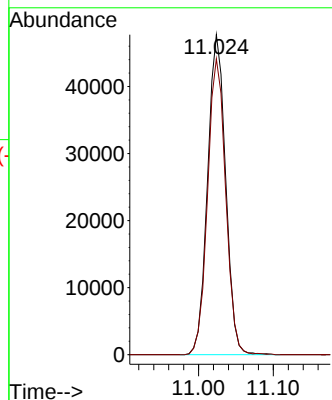
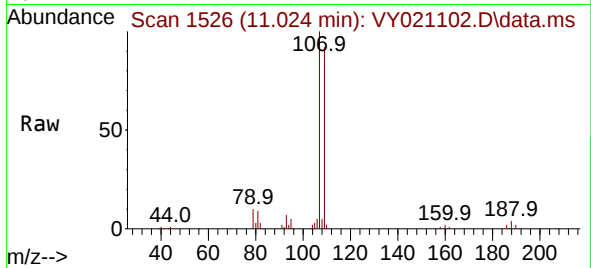




#61
1,2-Dibromoethane
Concen: 47.922 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

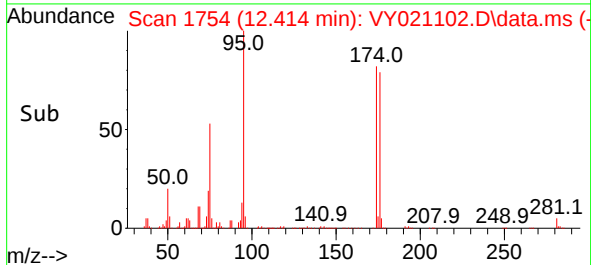
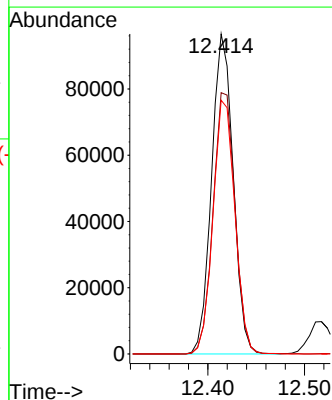
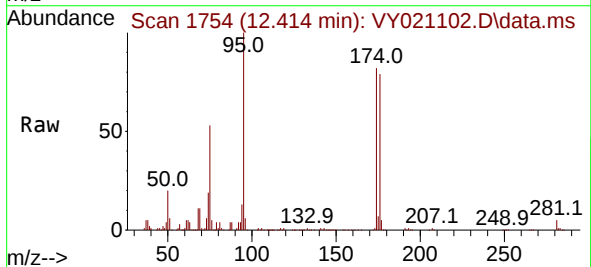
Instrument :
MSVOA_Y
ClientSampleId :

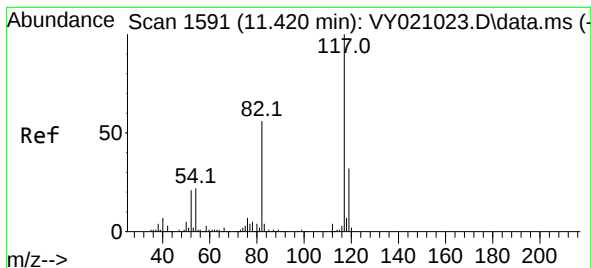
Tgt Ion:107 Resp: 80043
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.937 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 95 Resp: 149724
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.0
176 80.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

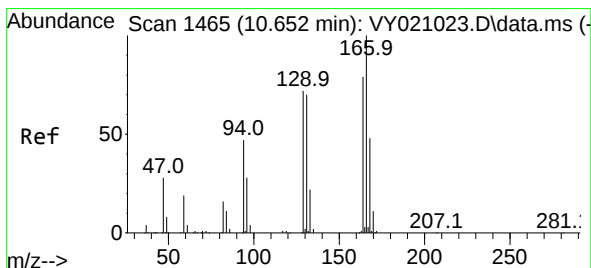
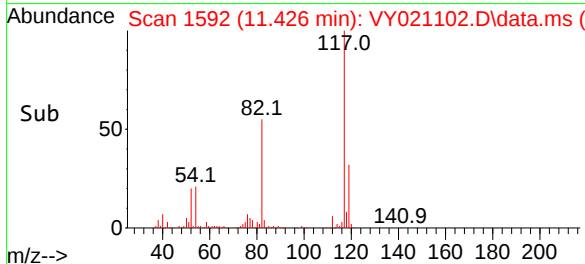
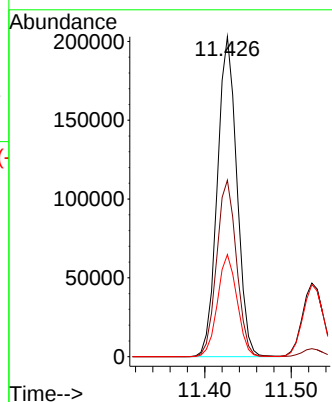
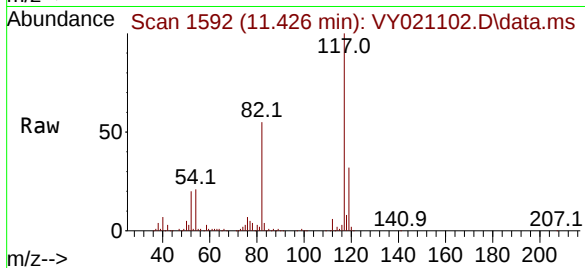
Tgt Ion:117 Resp: 317594

Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

119 31.9 26.5 39.7



#64

Tetrachloroethene

Concen: 47.694 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Tgt Ion:164 Resp: 112446

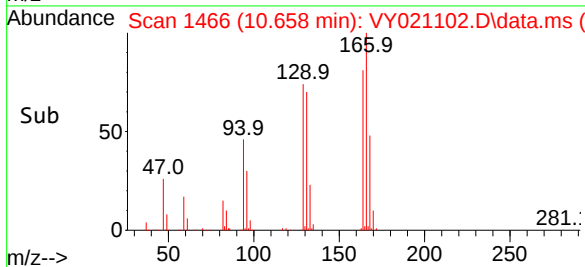
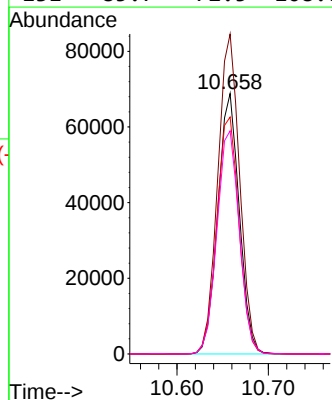
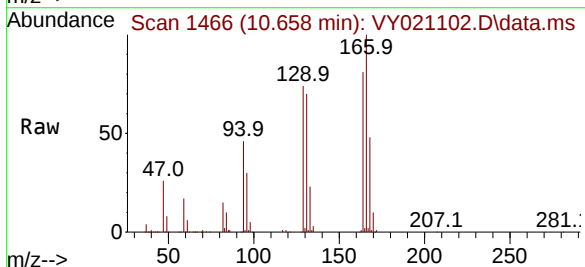
Ion Ratio Lower Upper

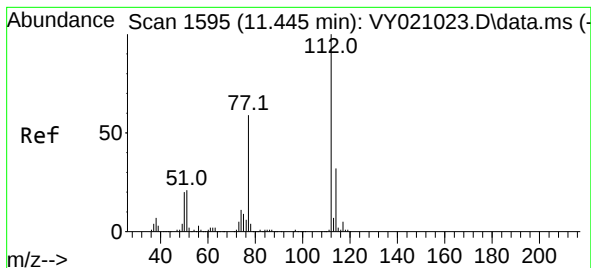
164 100

166 122.8 98.8 148.2

129 90.9 78.9 118.3

131 85.7 72.5 108.7

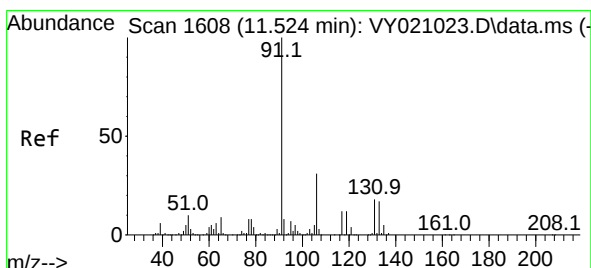
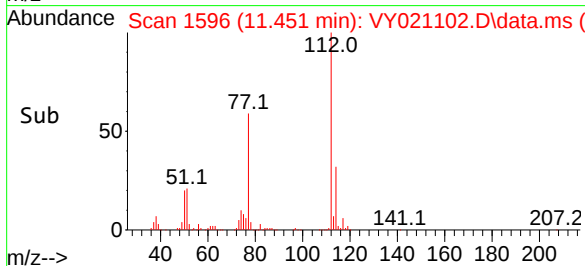
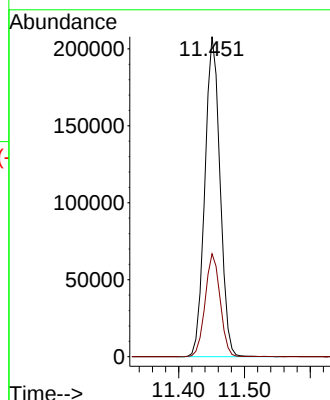
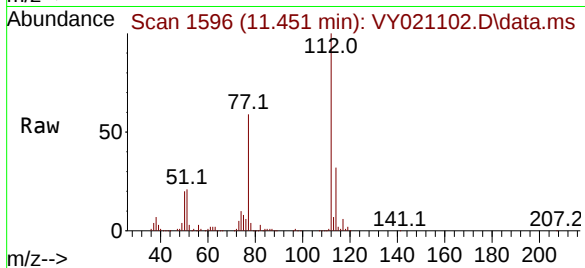




#65
Chlorobenzene
Concen: 47.157 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

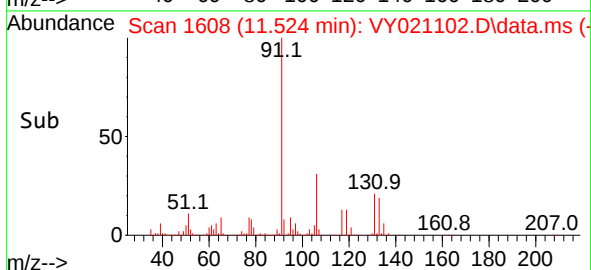
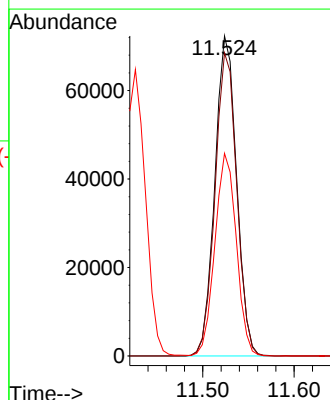
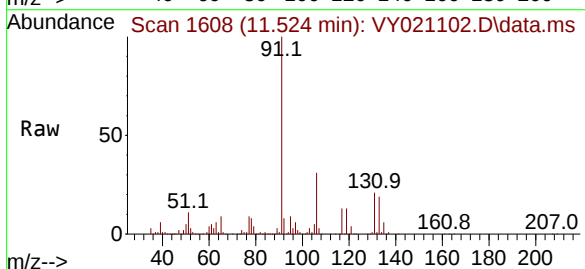
Instrument :
MSVOA_Y
ClientSampleId :

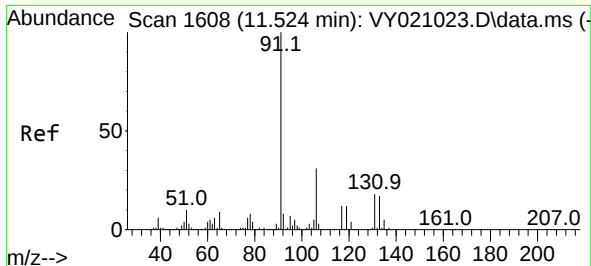
Tgt Ion:112 Resp: 333483
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.490 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion:131 Resp: 119347
Ion Ratio Lower Upper
131 100
133 95.1 47.0 141.0
119 62.7 33.3 99.9





#67

Ethyl Benzene

Concen: 47.645 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

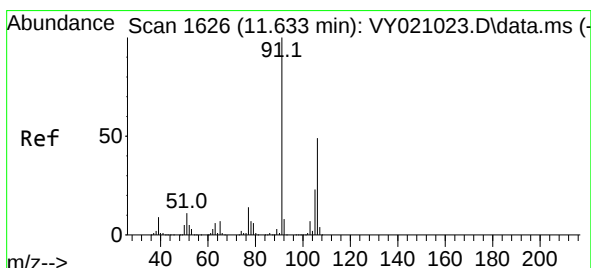
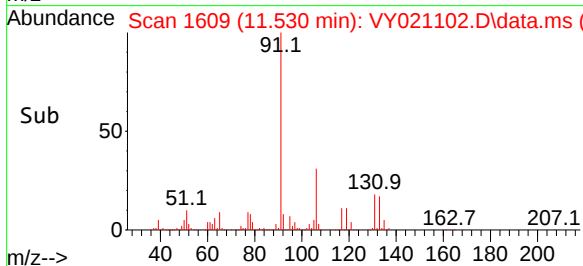
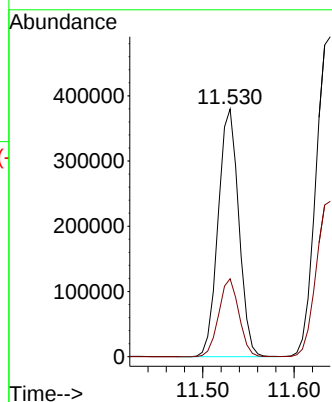
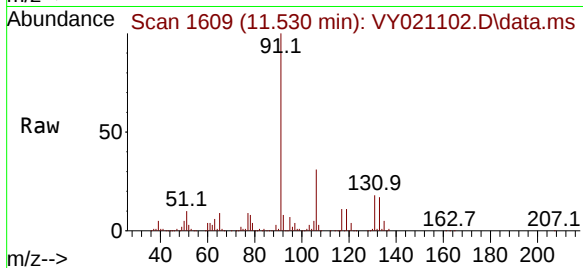
ClientSampleId :

Tgt Ion: 91 Resp: 595943

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 95.577 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021102.D

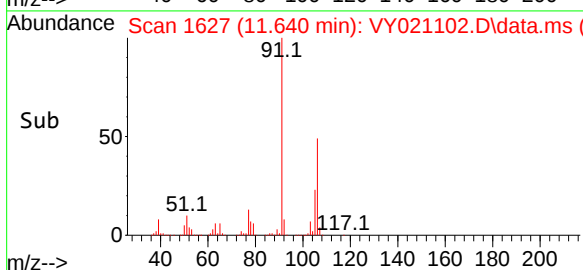
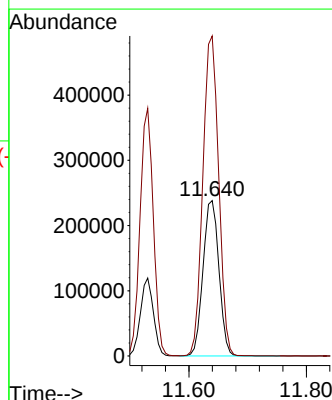
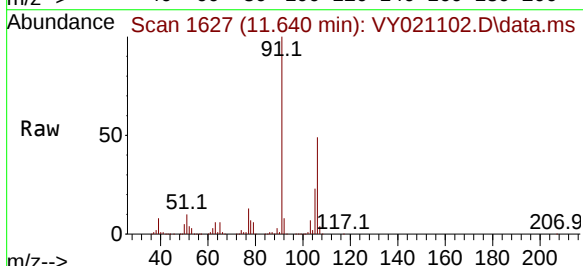
Acq: 06 Feb 2025 09:39

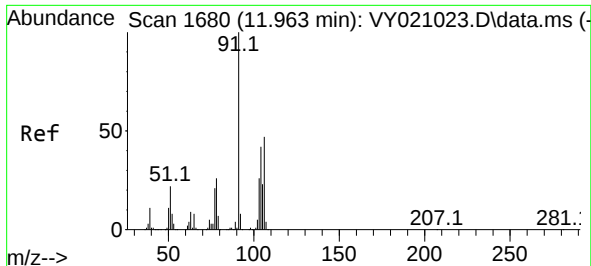
Tgt Ion:106 Resp: 447229

Ion Ratio Lower Upper

106 100

91 205.0 160.7 241.1

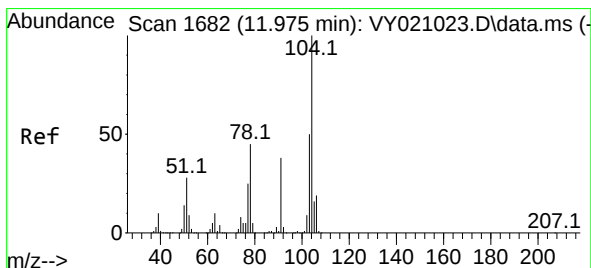
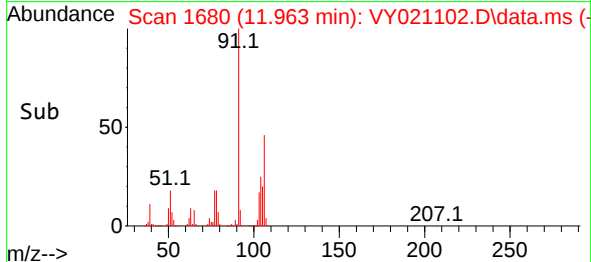
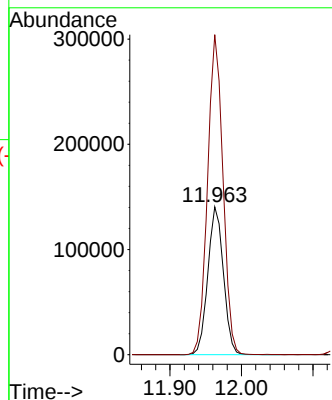
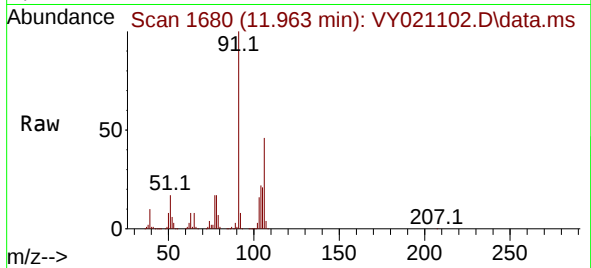




#69
o-Xylene
Concen: 48.732 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

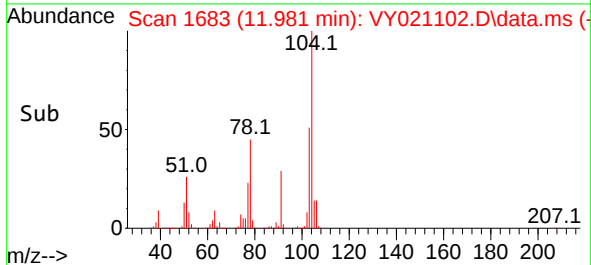
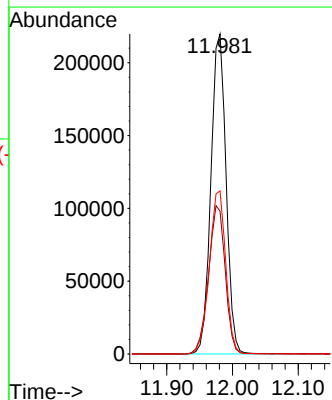
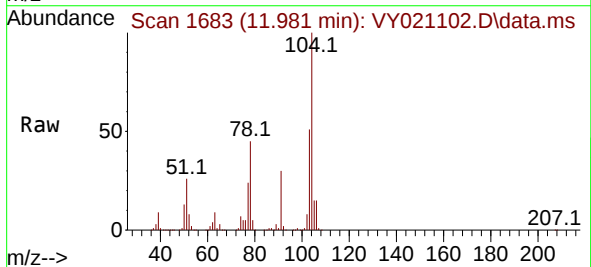
Instrument :
MSVOA_Y
ClientSampleId :

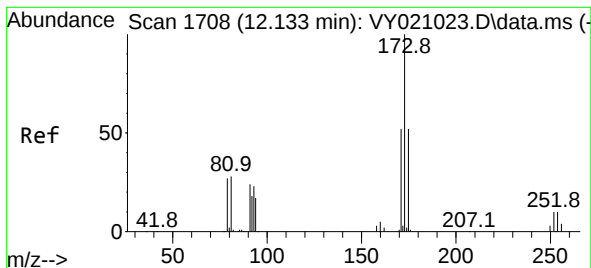
Tgt Ion:106 Resp: 212598
Ion Ratio Lower Upper
106 100
91 214.0 106.5 319.5



#70
Styrene
Concen: 48.537 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion:104 Resp: 352923
Ion Ratio Lower Upper
104 100
78 51.1 39.2 58.8
103 55.2 43.8 65.6





#71

Bromoform

Concen: 48.203 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

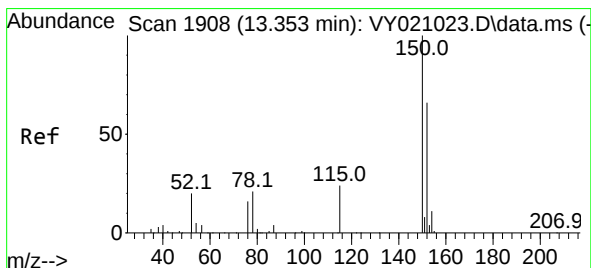
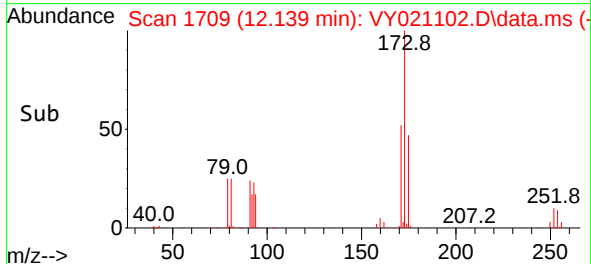
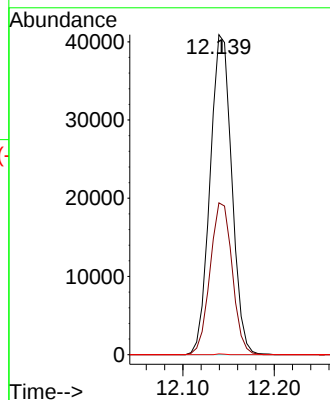
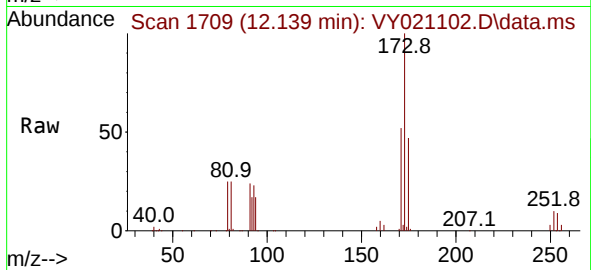
Tgt Ion:173 Resp: 67429

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

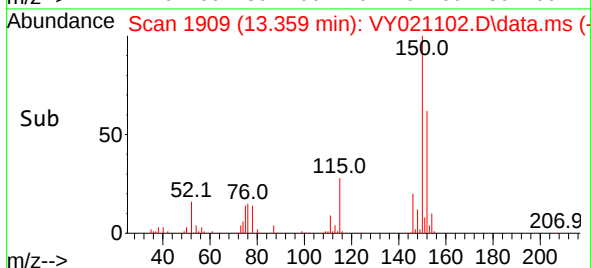
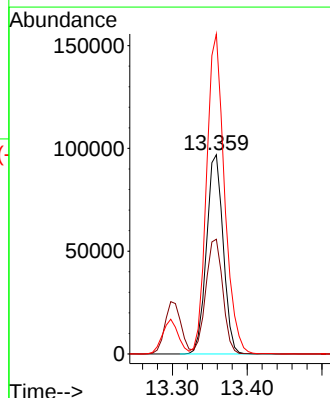
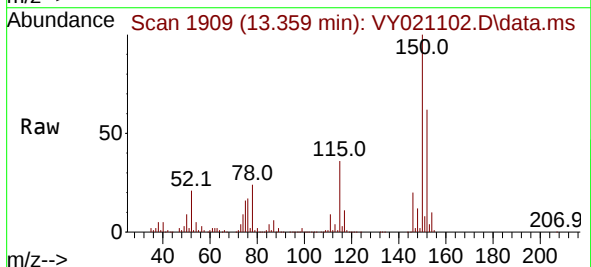
Tgt Ion:152 Resp: 150355

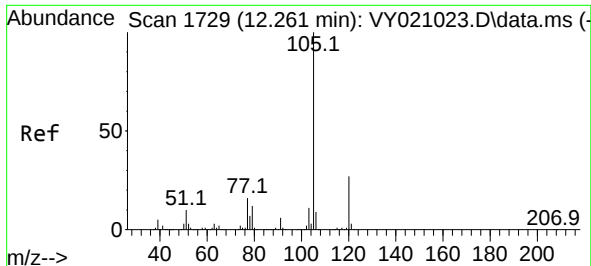
Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 172.5 0.0 344.6

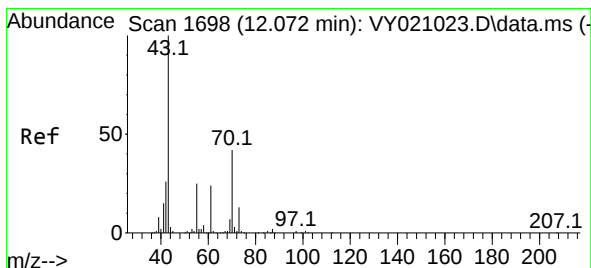
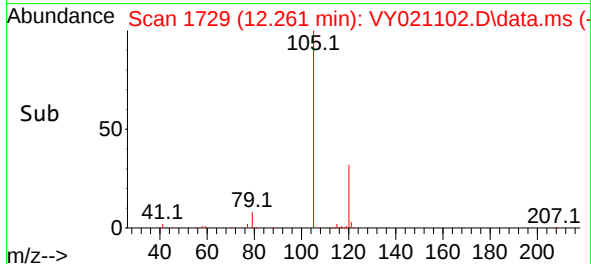
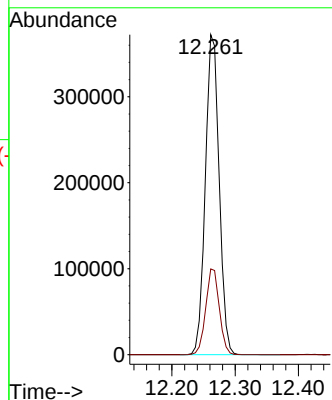
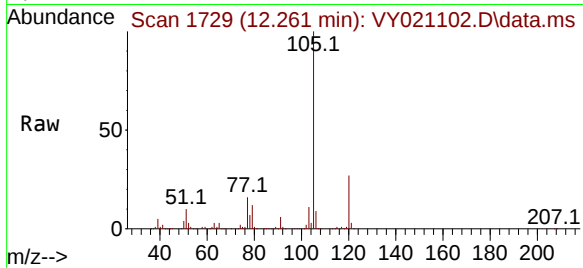




#73
Isopropylbenzene
Concen: 48.181 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

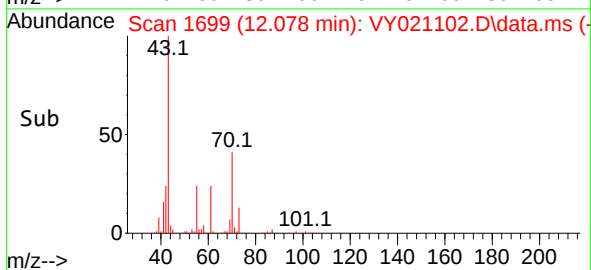
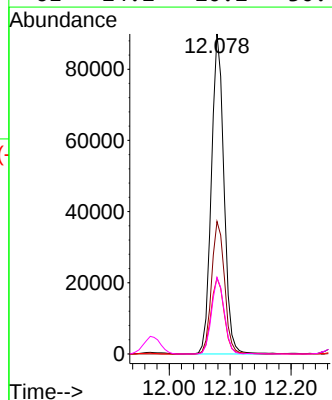
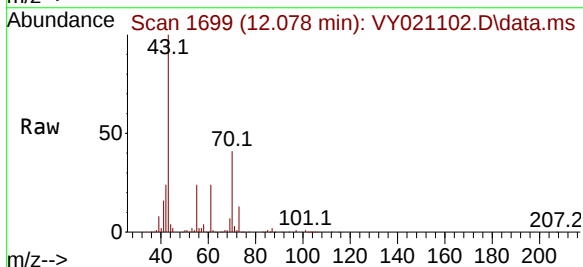
Instrument :
MSVOA_Y
ClientSampleId :

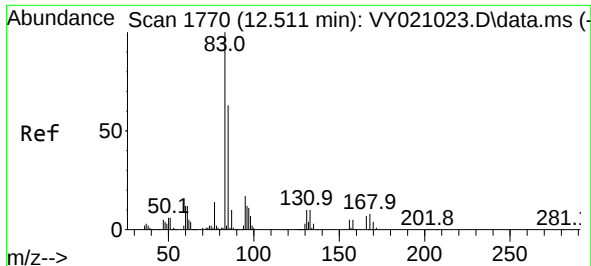
Tgt Ion:105 Resp: 565882
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 50.349 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 43 Resp: 129285
Ion Ratio Lower Upper
43 100
70 42.4 36.6 55.0
55 24.6 22.2 33.4
61 24.2 20.2 30.4

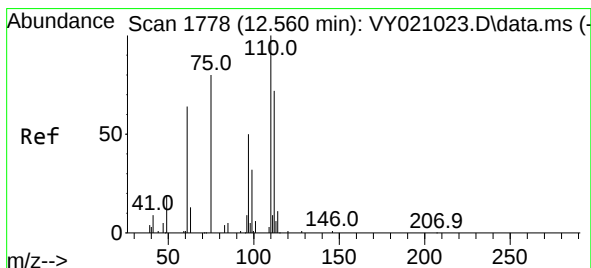
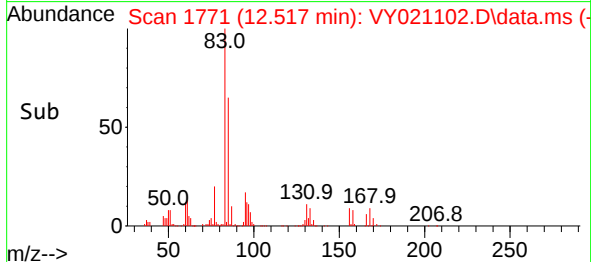
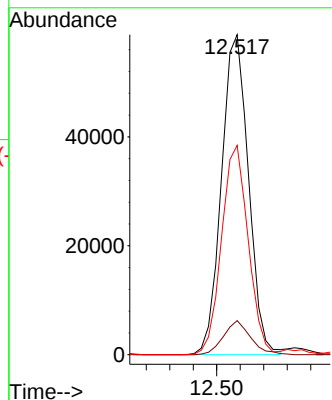
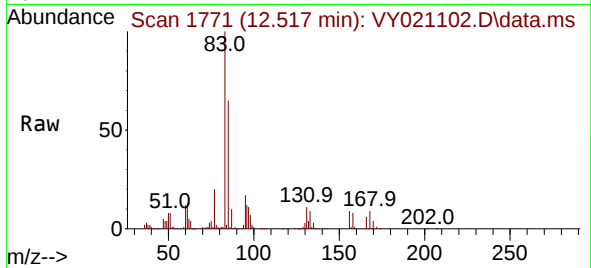




#75
1,1,2,2-Tetrachloroethane
Concen: 47.973 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

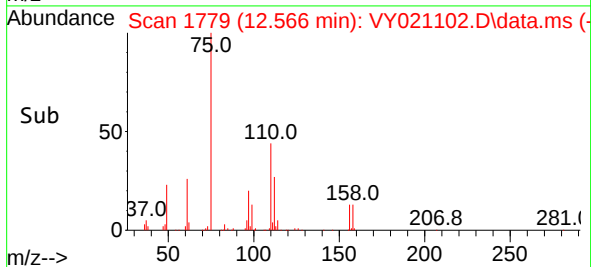
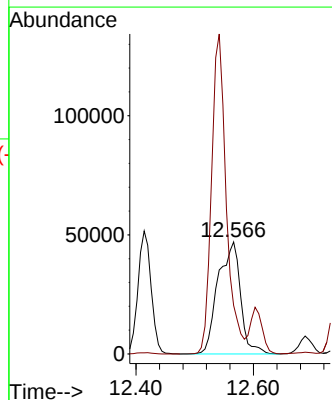
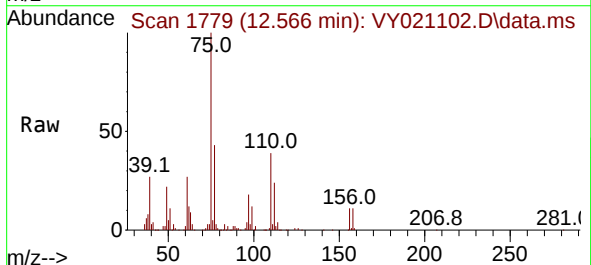
Instrument :
MSVOA_Y
ClientSampleId :

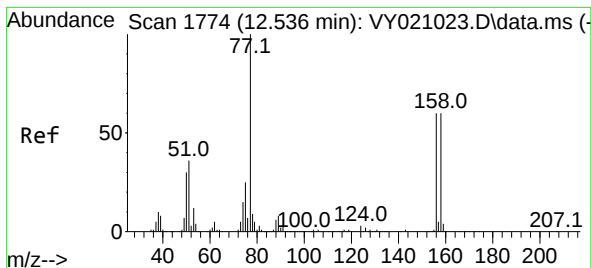
Tgt Ion: 83 Resp: 93707
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.6
85 64.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 91.948 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 75 Resp: 125409
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.953 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

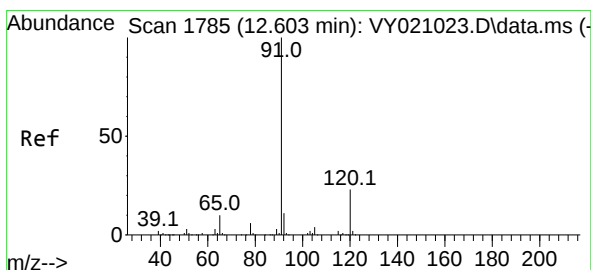
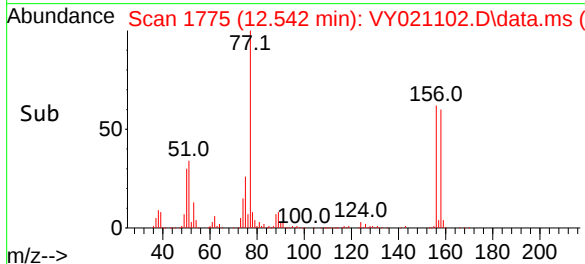
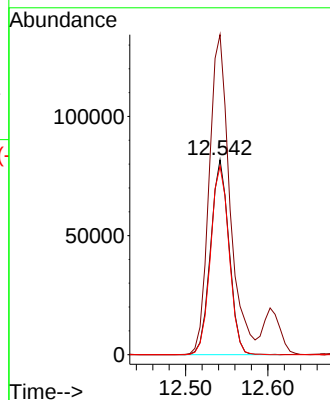
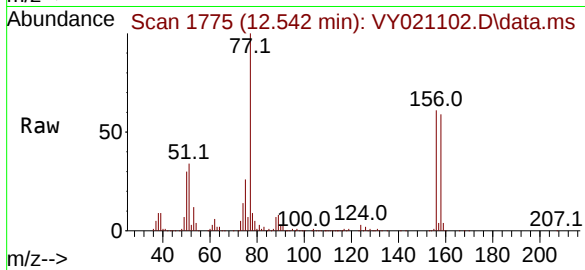
Tgt Ion:156 Resp: 127258

Ion Ratio Lower Upper

156 100

77 184.3 97.3 291.8

158 97.4 48.4 145.0



#78

n-propylbenzene

Concen: 48.243 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021102.D

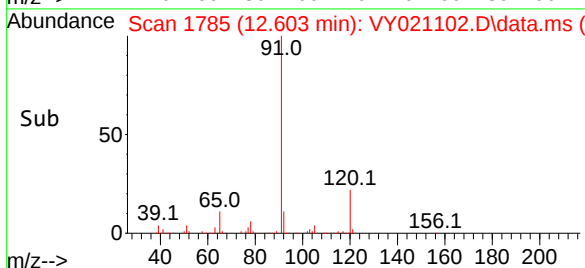
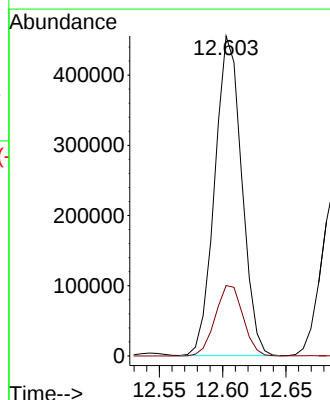
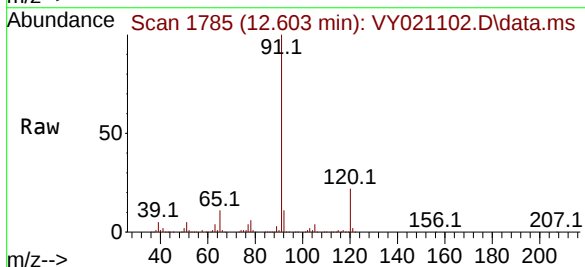
Acq: 06 Feb 2025 09:39

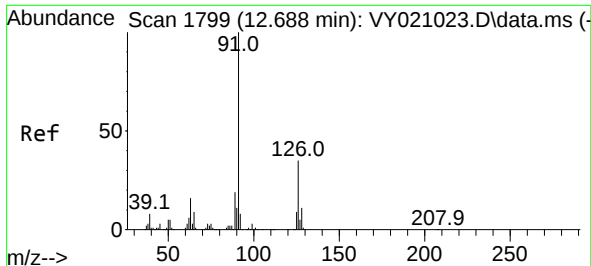
Tgt Ion: 91 Resp: 674966

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0

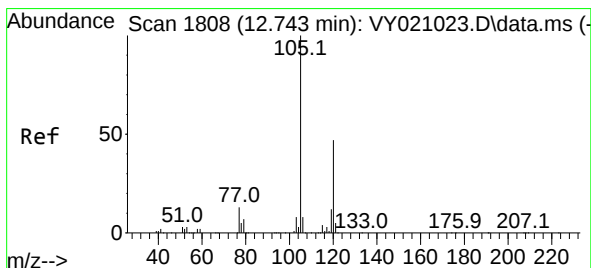
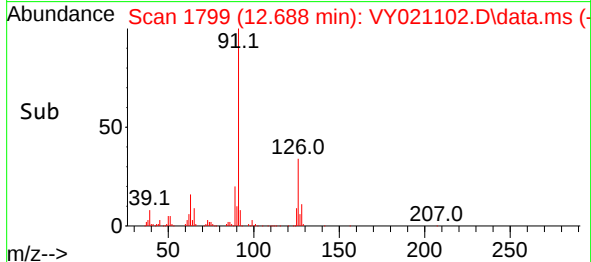
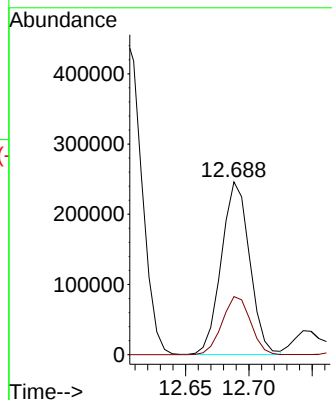
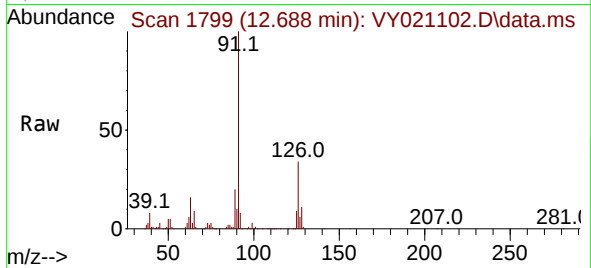




#79
2-Chlorotoluene
Concen: 47.726 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

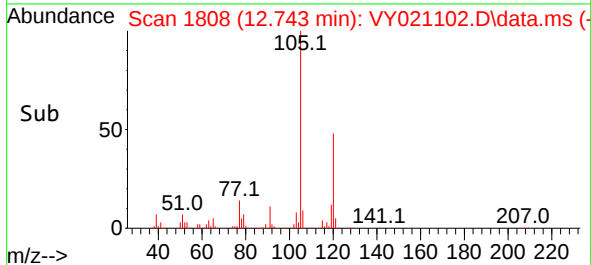
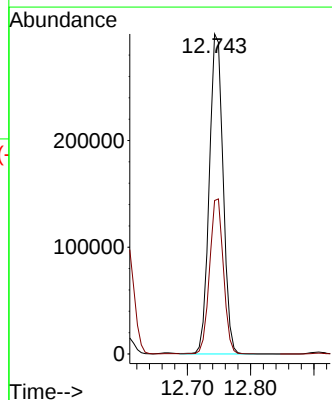
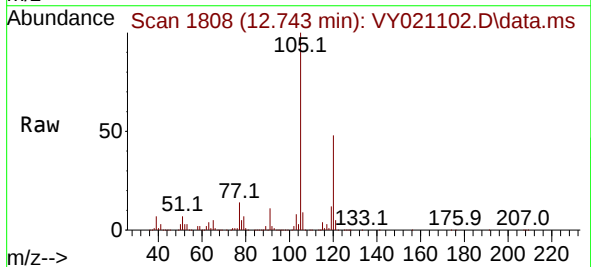
Instrument :
MSVOA_Y
ClientSampleId :

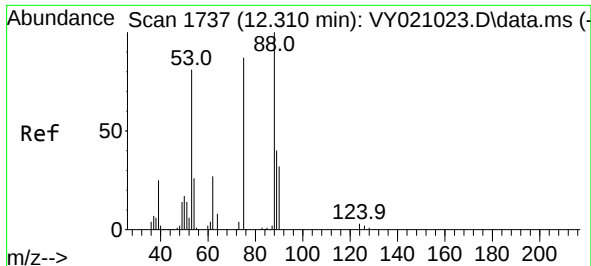
Tgt Ion: 91 Resp: 382441
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 47.840 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion:105 Resp: 455552
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

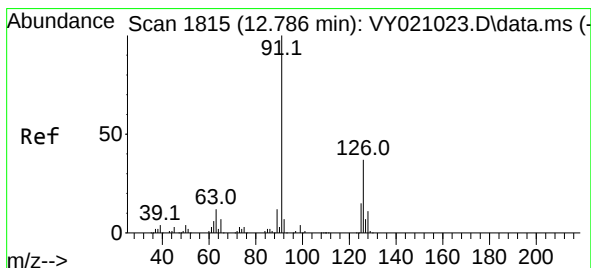
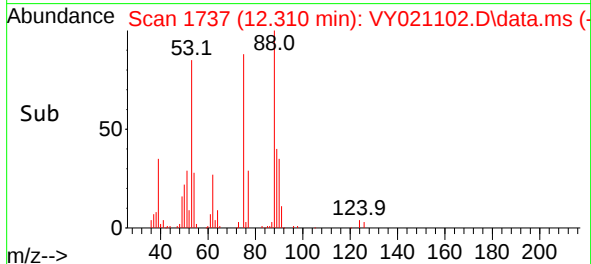
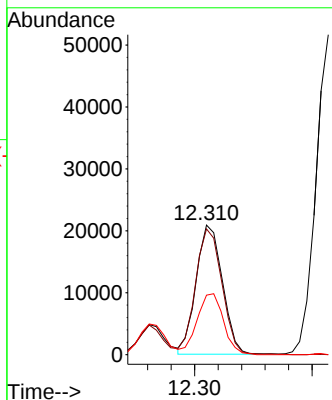
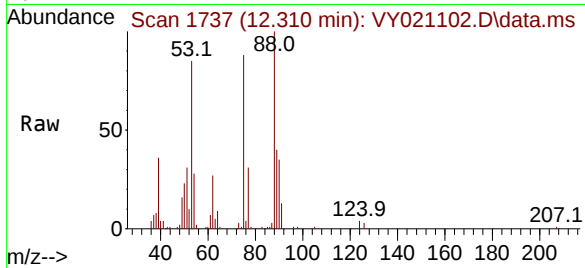




#81
trans-1,4-Dichloro-2-butene
Concen: 48.583 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

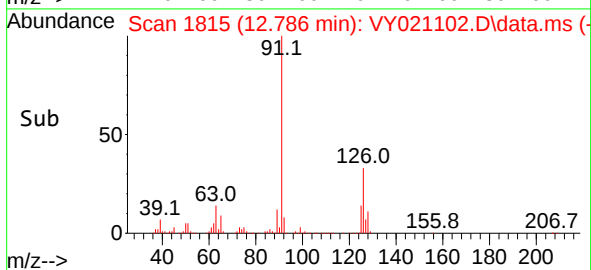
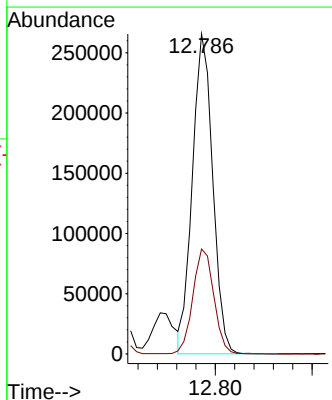
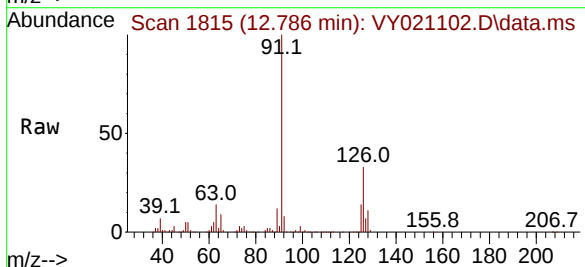
Instrument :
MSVOA_Y
ClientSampleId :

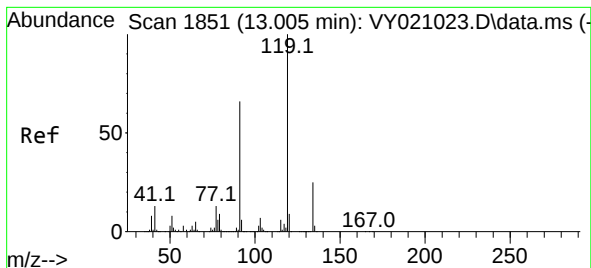
Tgt Ion: 75 Resp: 32474
Ion Ratio Lower Upper
75 100
53 98.3 74.0 111.0
89 47.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 47.446 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 91 Resp: 387359
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 47.281 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

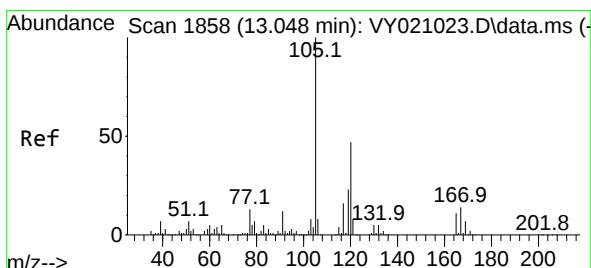
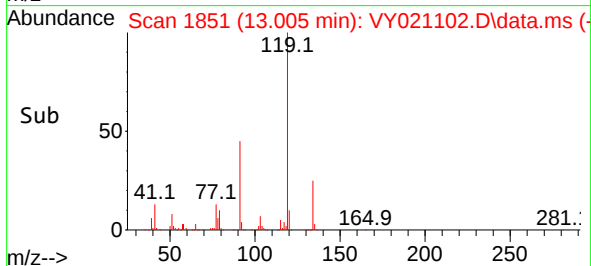
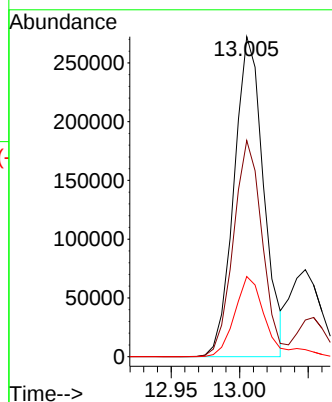
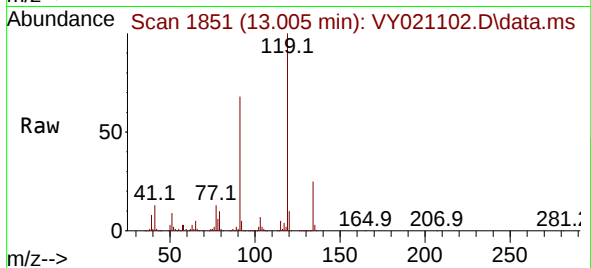
Tgt Ion:119 Resp: 409238

Ion Ratio Lower Upper

119 100

91 66.3 31.5 94.5

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 48.600 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021102.D

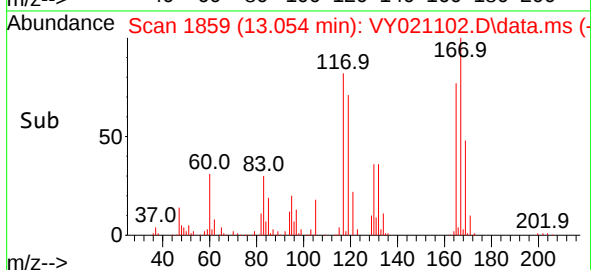
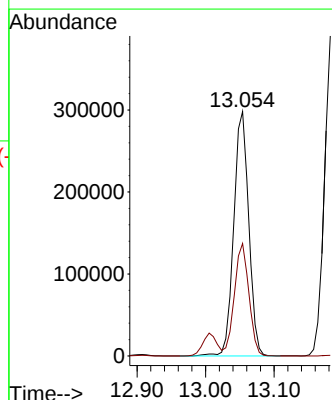
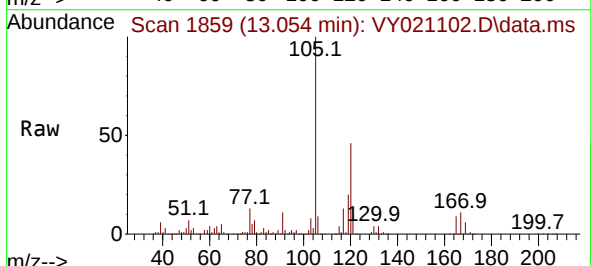
Acq: 06 Feb 2025 09:39

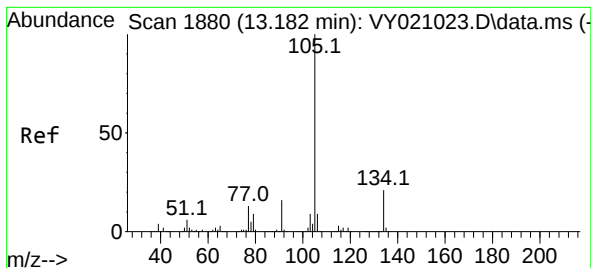
Tgt Ion:105 Resp: 452502

Ion Ratio Lower Upper

105 100

120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 47.561 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

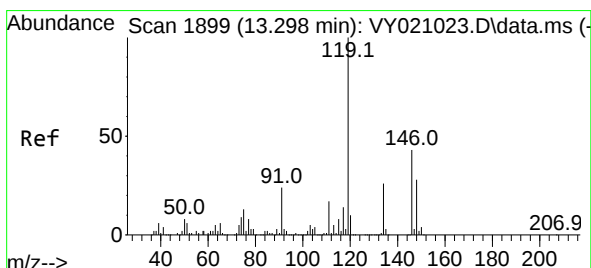
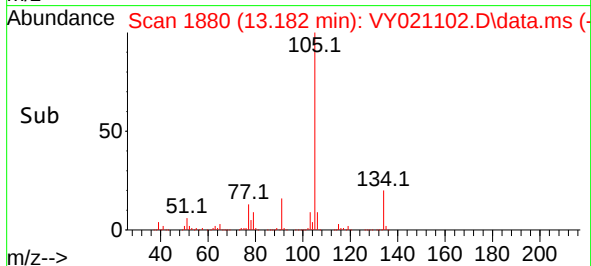
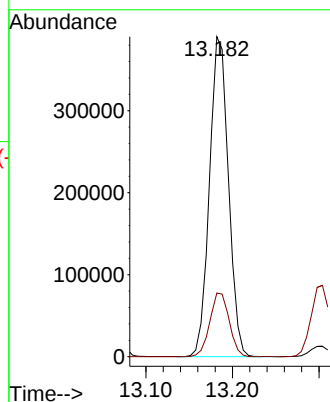
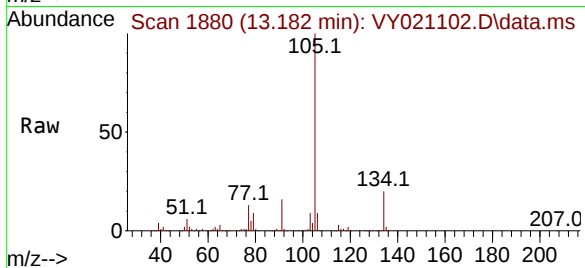
ClientSampleId :

Tgt Ion:105 Resp: 592574

Ion Ratio Lower Upper

105 100

134 20.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 47.838 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

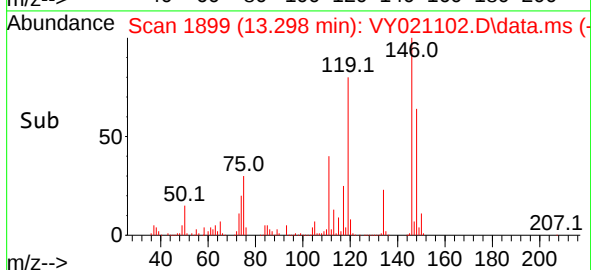
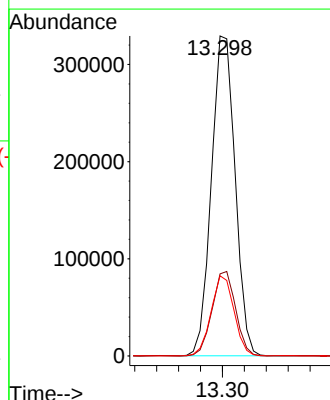
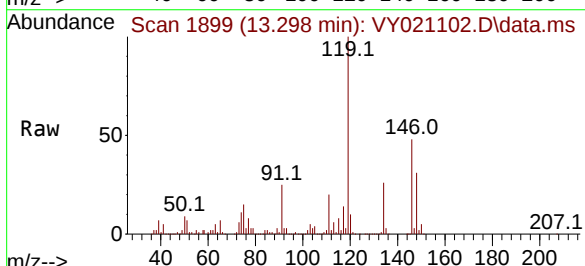
Tgt Ion:119 Resp: 495104

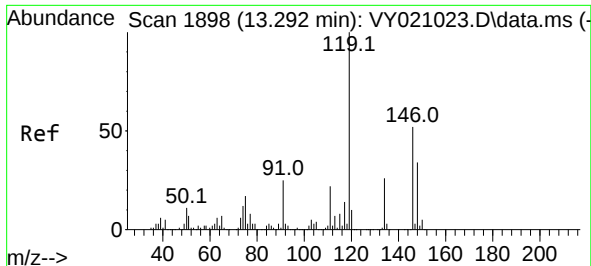
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 24.2 11.7 35.0

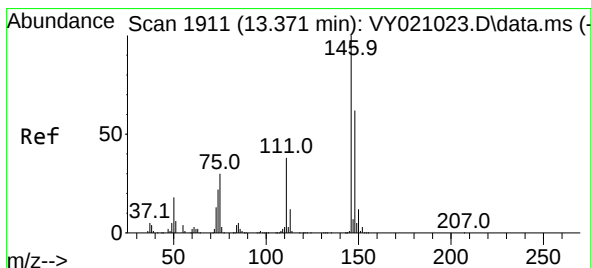
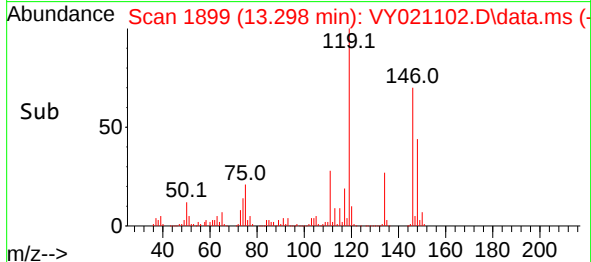
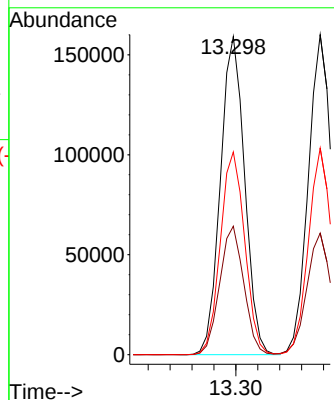
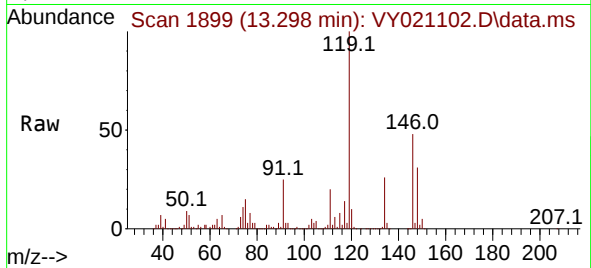




#87
1,3-Dichlorobenzene
Concen: 46.705 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

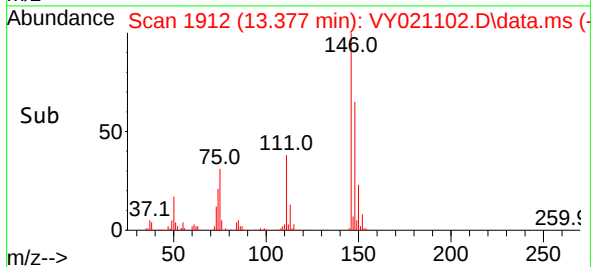
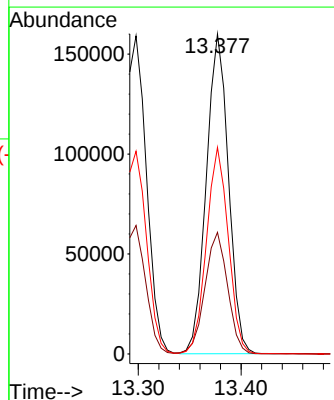
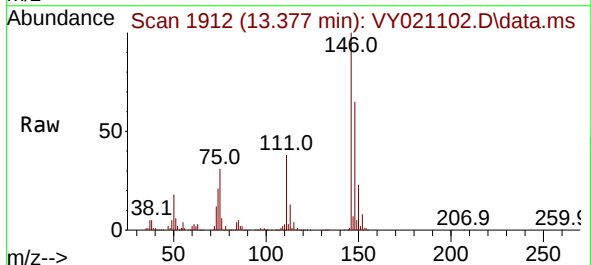
Instrument :
MSVOA_Y
ClientSampleId :

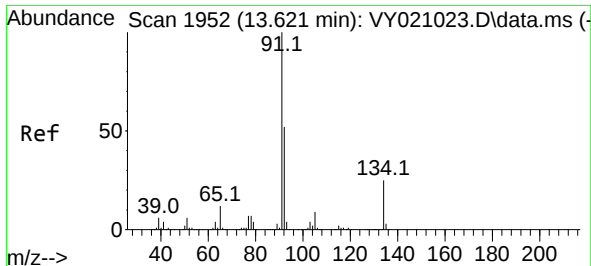
Tgt Ion:146 Resp: 244417
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 64.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 46.442 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion:146 Resp: 239301
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 64.0 31.6 94.7

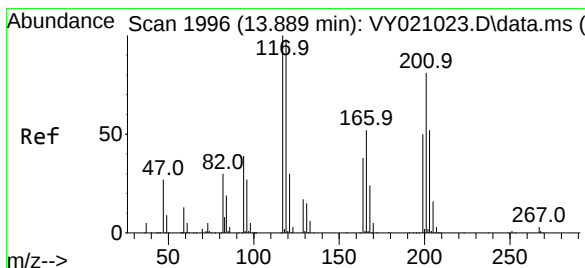
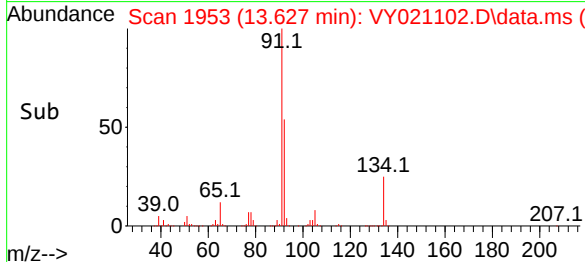
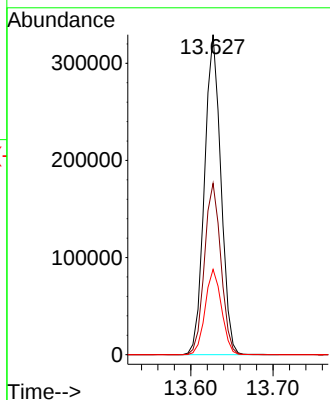
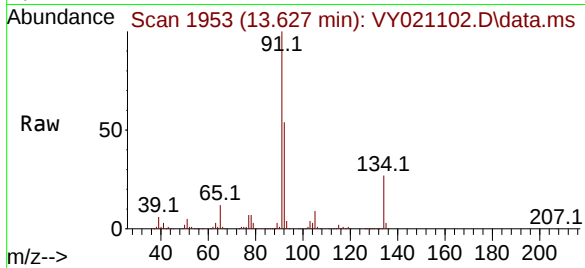




#89
n-Butylbenzene
Concen: 48.290 ug/l
RT: 13.627 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

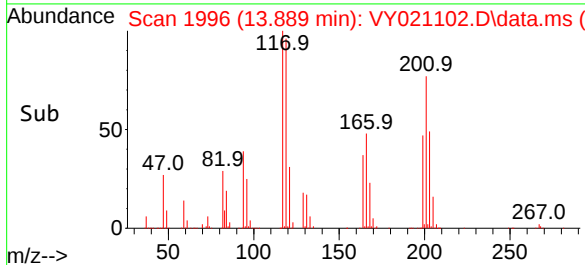
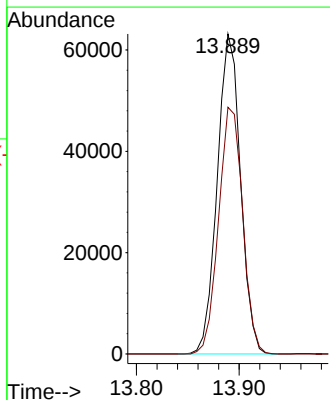
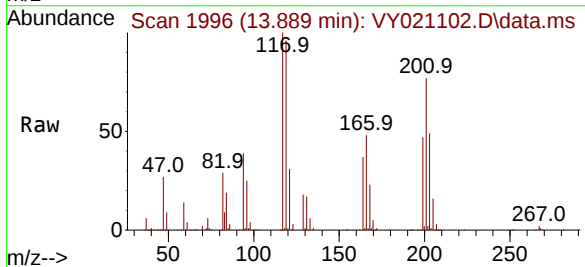
Instrument :
MSVOA_Y
ClientSampleId :

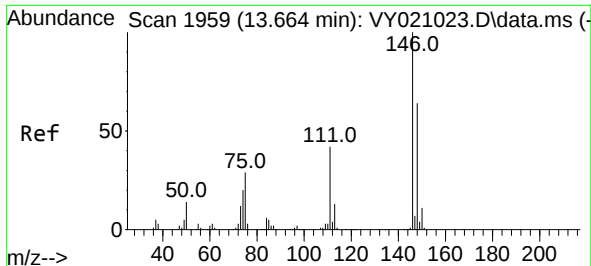
Tgt Ion: 91 Resp: 455935
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.2
134 26.5 12.3 36.8



#90
Hexachloroethane
Concen: 45.890 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 117 Resp: 99081
Ion Ratio Lower Upper
117 100
201 79.9 33.4 100.1

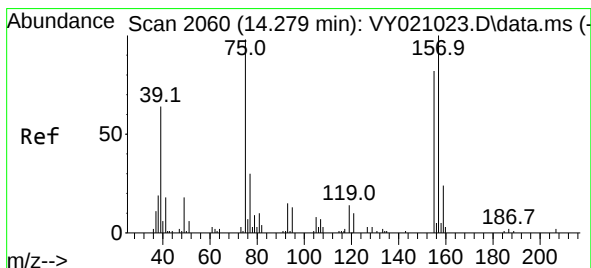
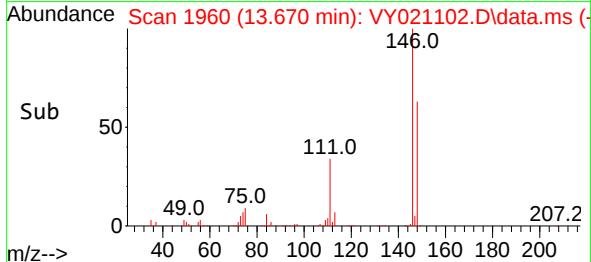
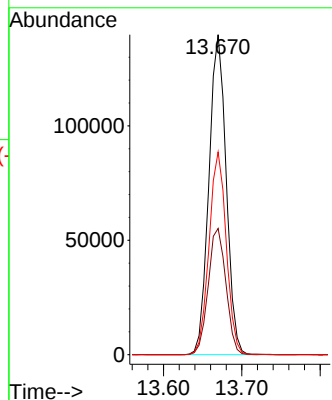
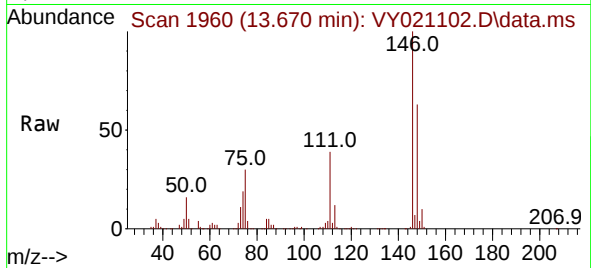




#91
1,2-Dichlorobenzene
Concen: 47.095 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

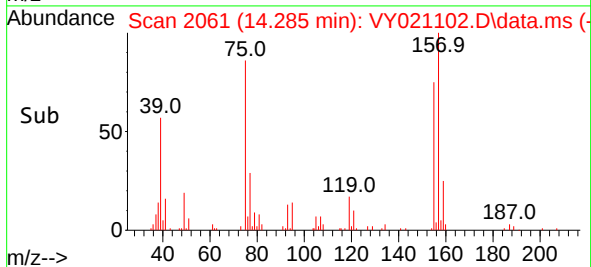
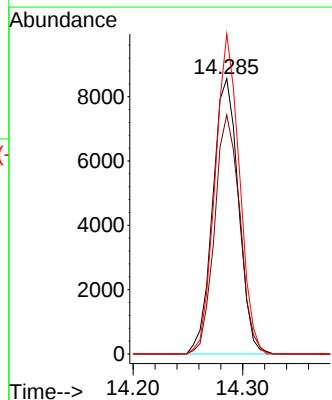
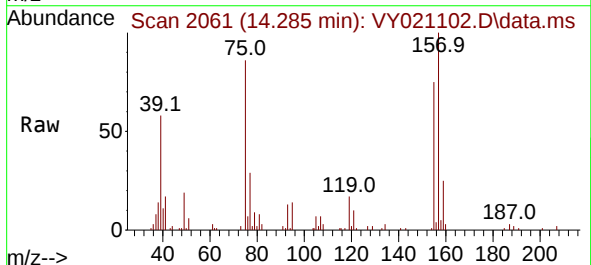
Instrument :
MSVOA_Y
ClientSampleId :

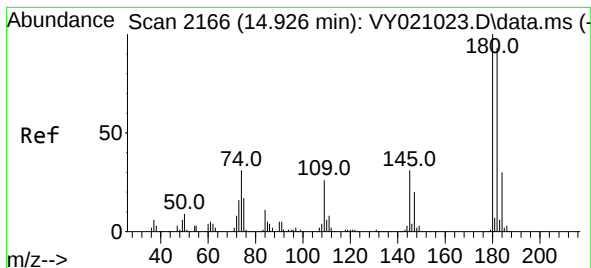
Tgt Ion:146 Resp: 213915
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.6
148 63.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.812 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021102.D
Acq: 06 Feb 2025 09:39

Tgt Ion: 75 Resp: 13956
Ion Ratio Lower Upper
75 100
155 85.0 42.1 126.3
157 109.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 48.986 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

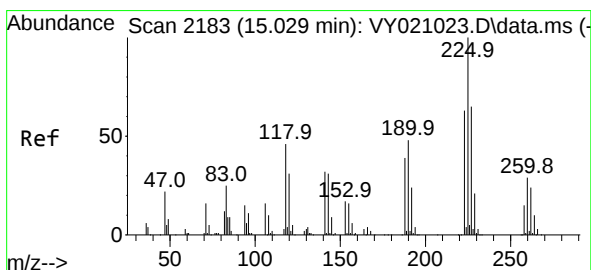
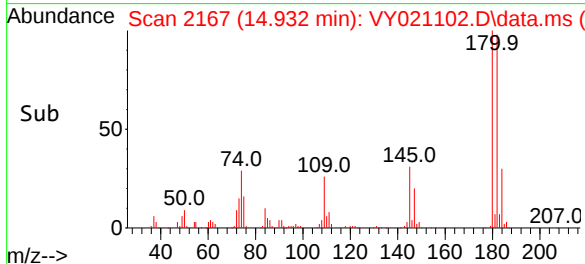
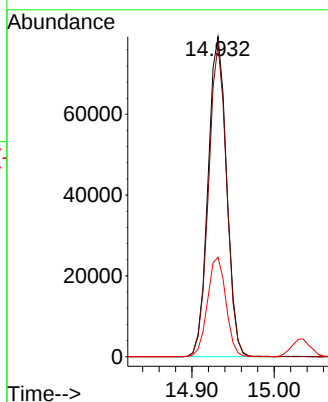
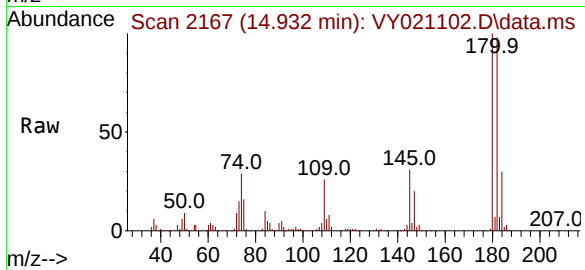
Tgt Ion:180 Resp: 123850

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 46.659 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

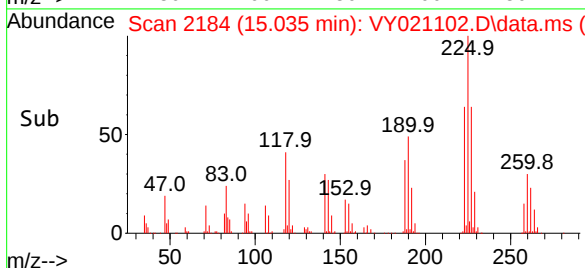
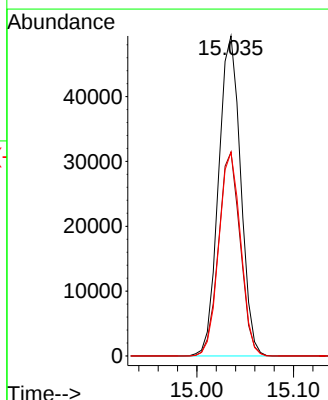
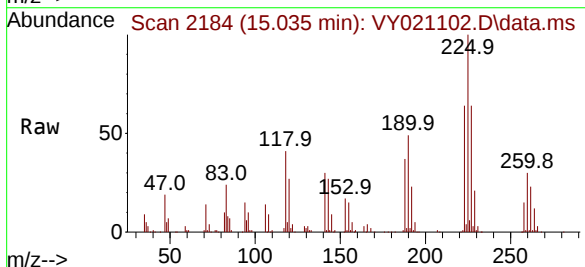
Tgt Ion:225 Resp: 78175

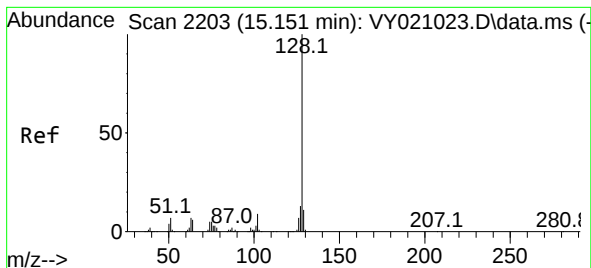
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.3

227 62.6 32.3 96.8





#95

Naphthalene

Concen: 54.077 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

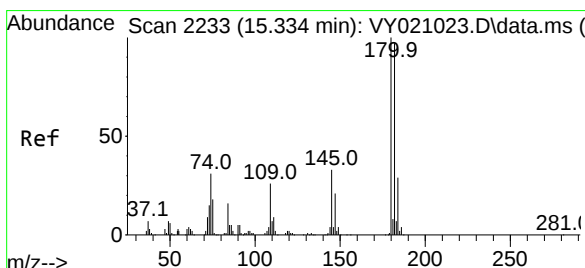
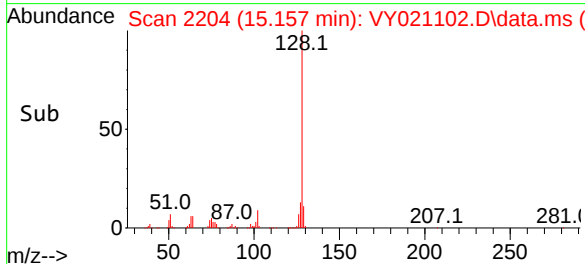
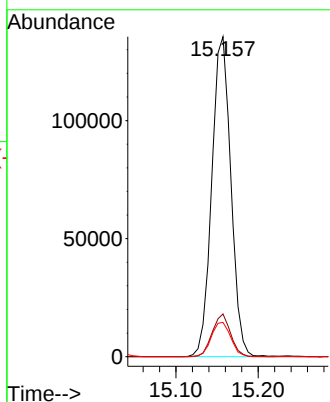
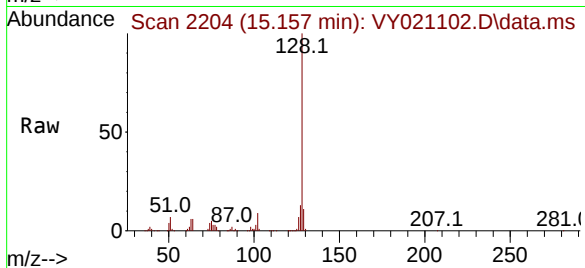
Tgt Ion:128 Resp: 218739

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.485 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021102.D

Acq: 06 Feb 2025 09:39

Tgt Ion:180 Resp: 104119

Ion Ratio Lower Upper

180 100

182 93.7 46.3 138.8

145 31.8 16.1 48.2

